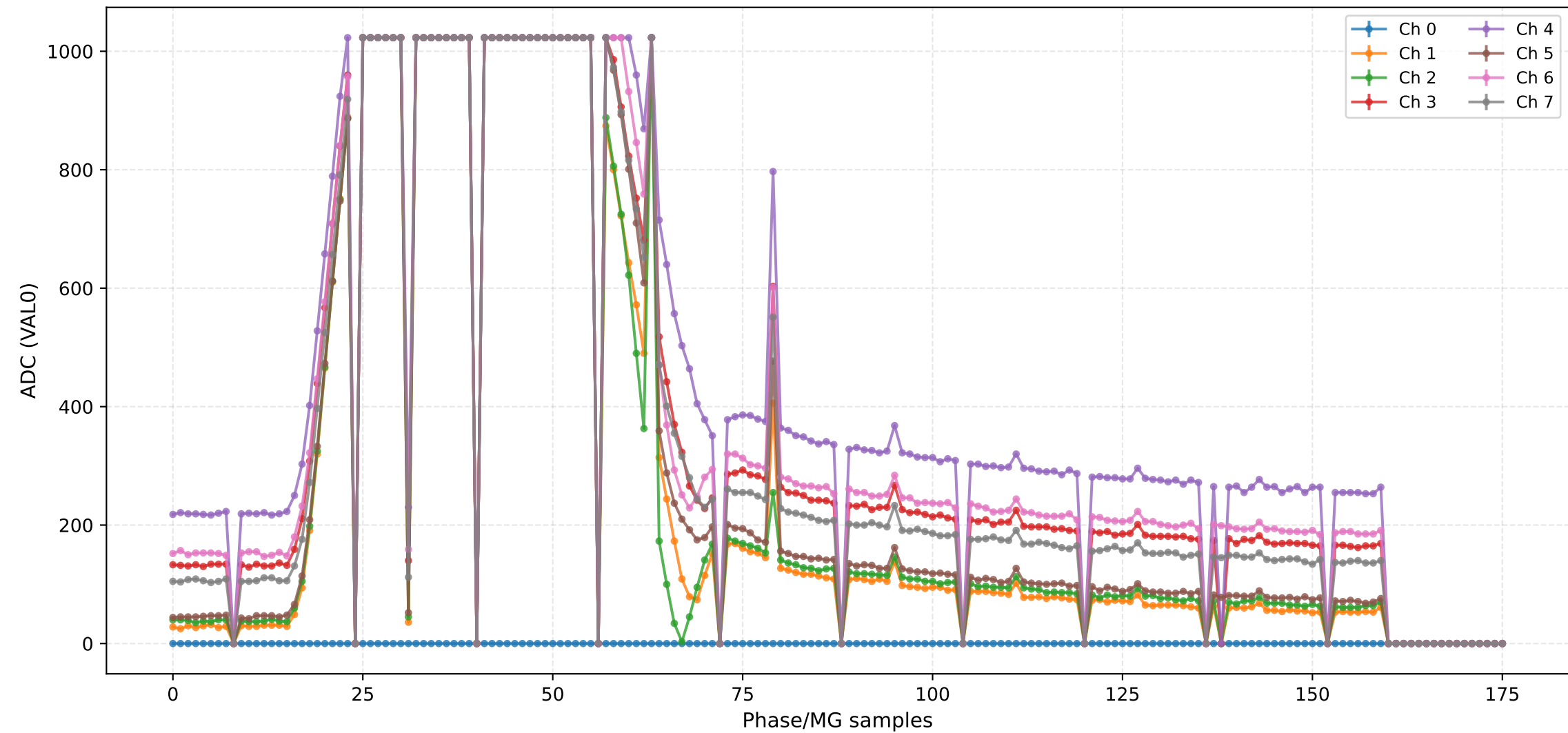
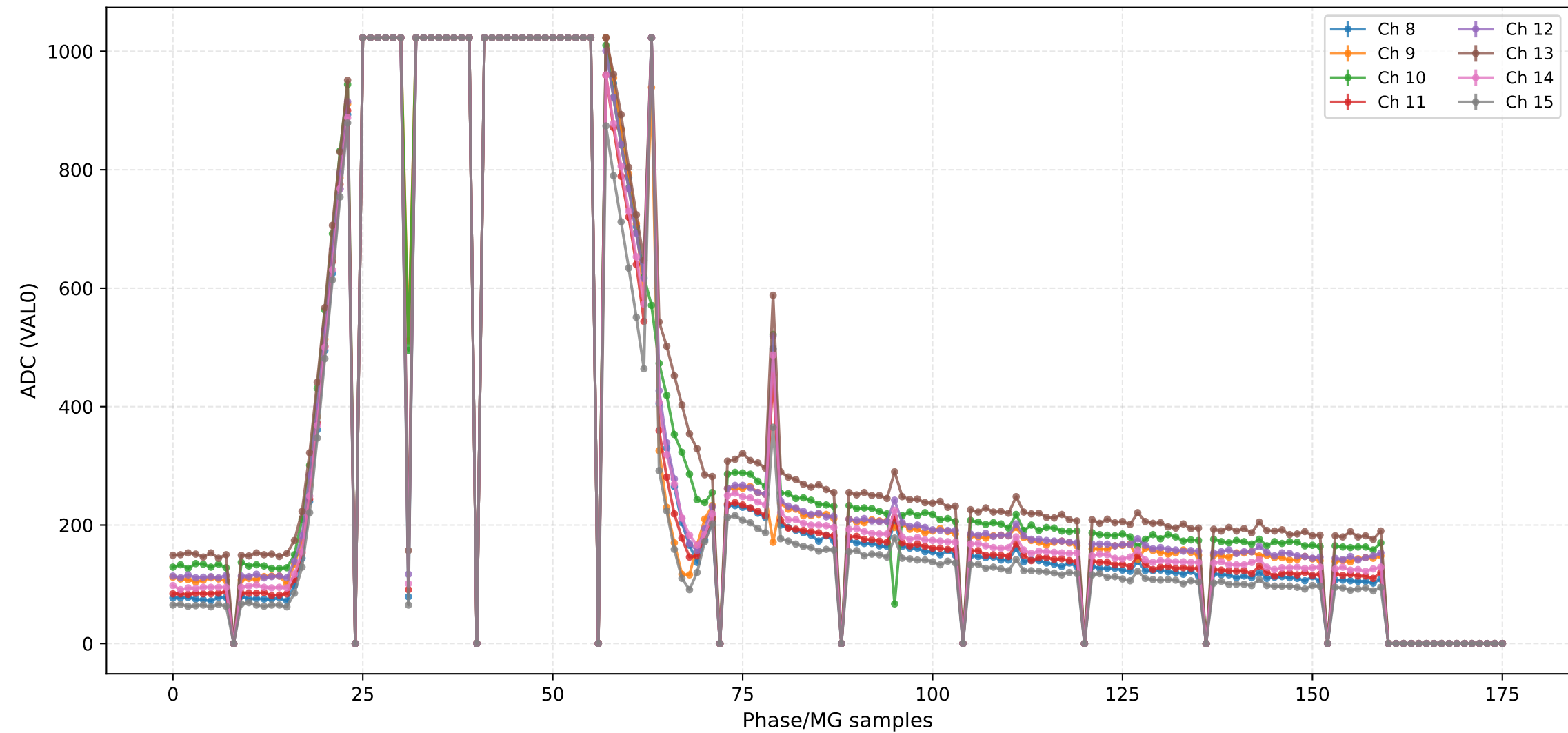


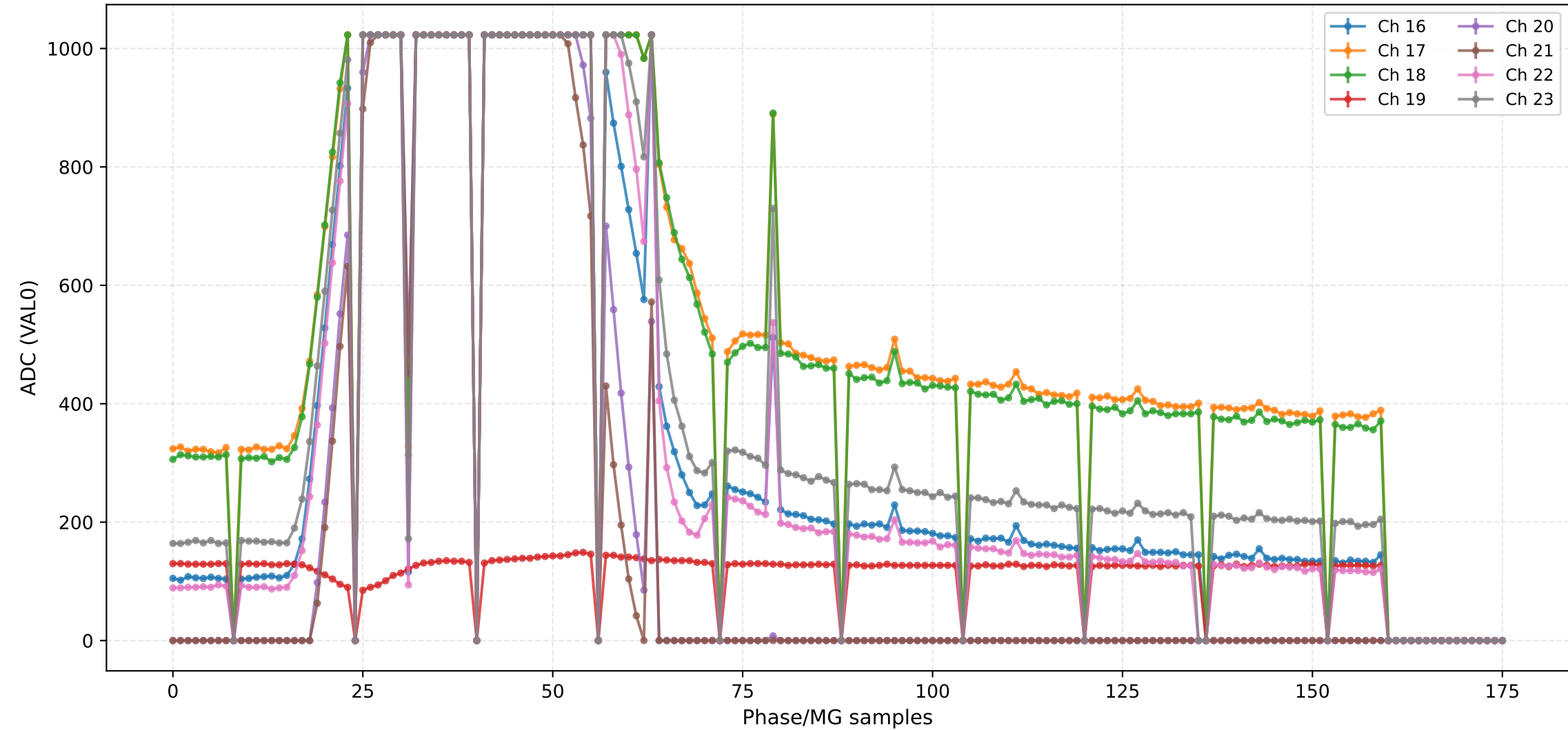
## ADC (VAL0) - Channels 0 to 7



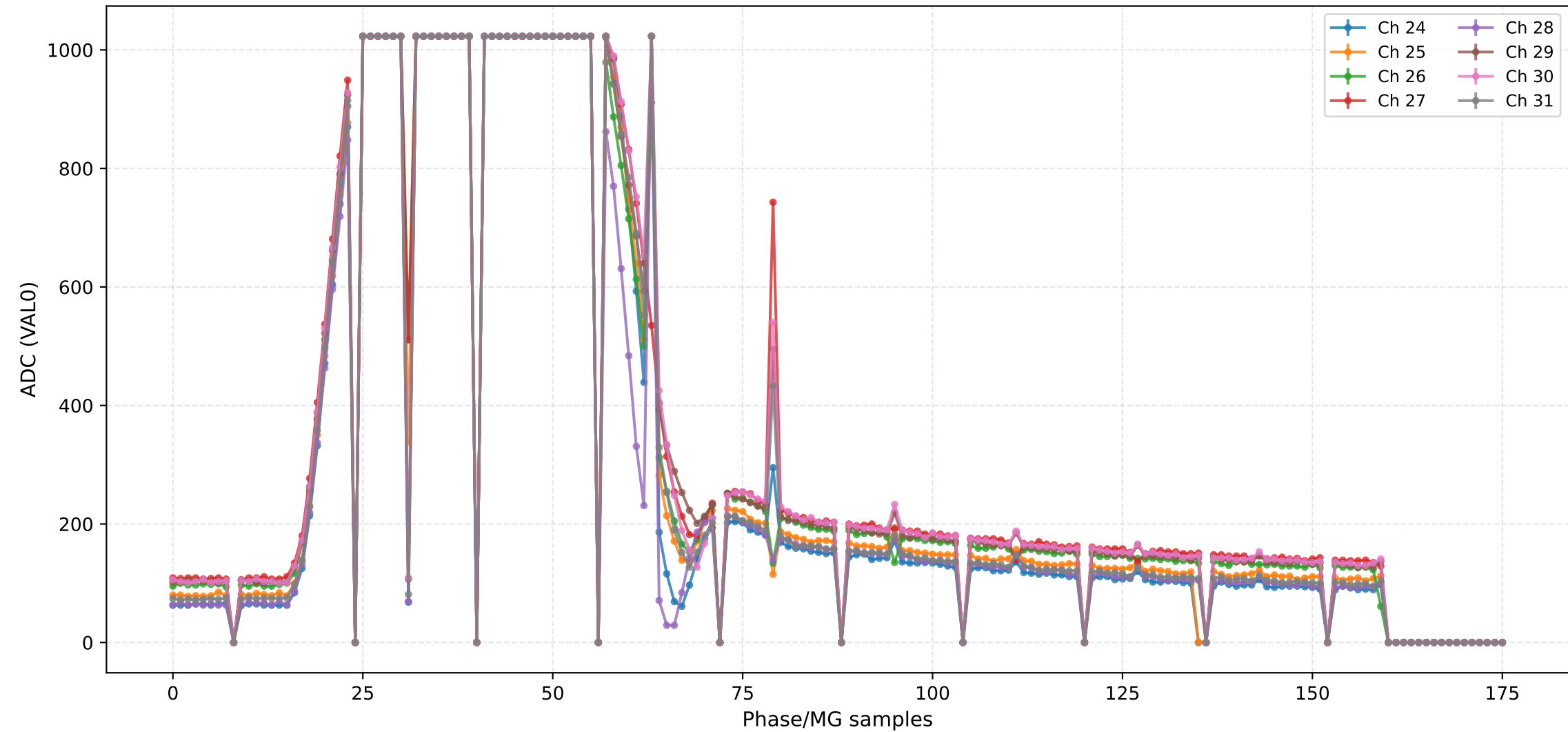
### ADC (VAL0) - Channels 8 to 15



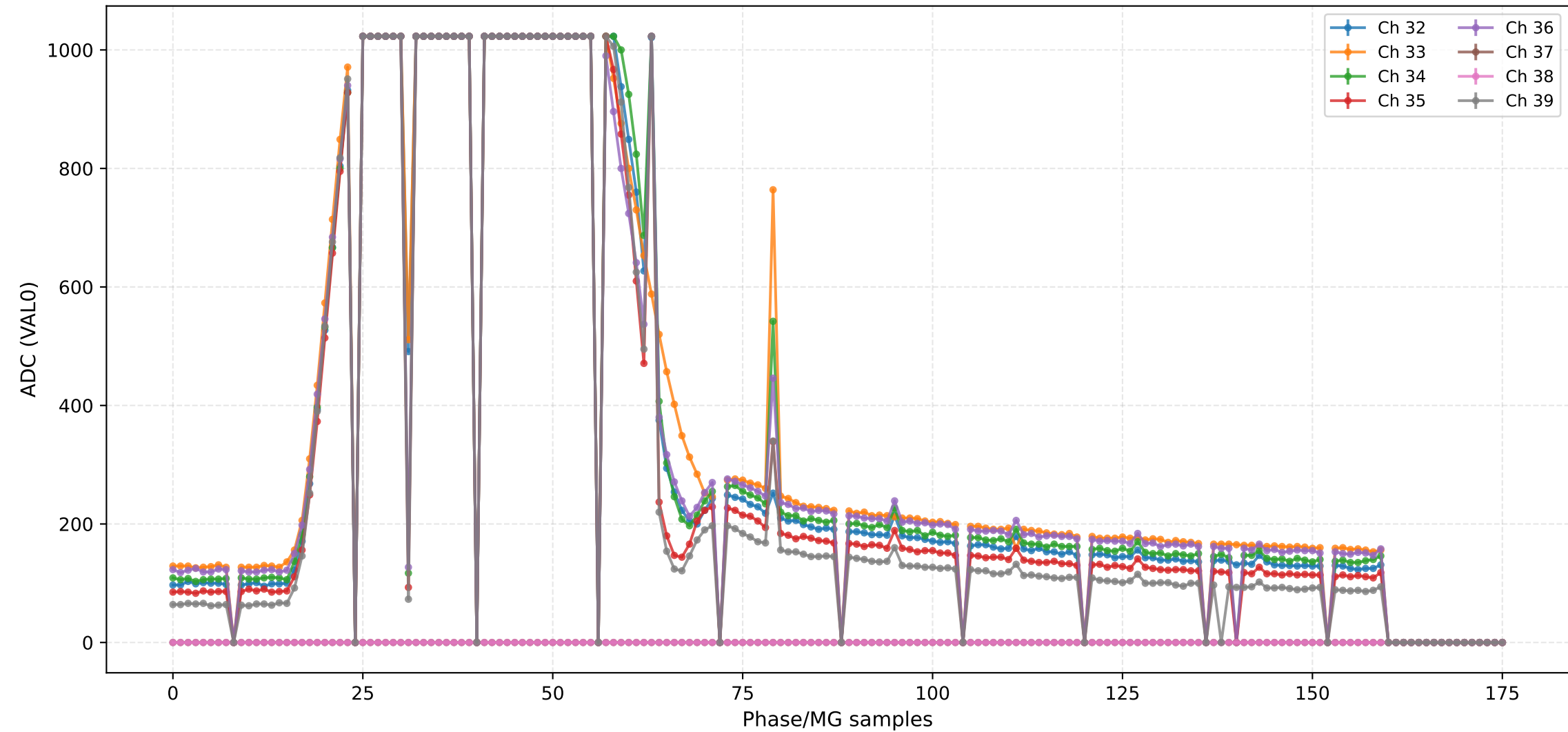
### ADC (VAL0) - Channels 16 to 23



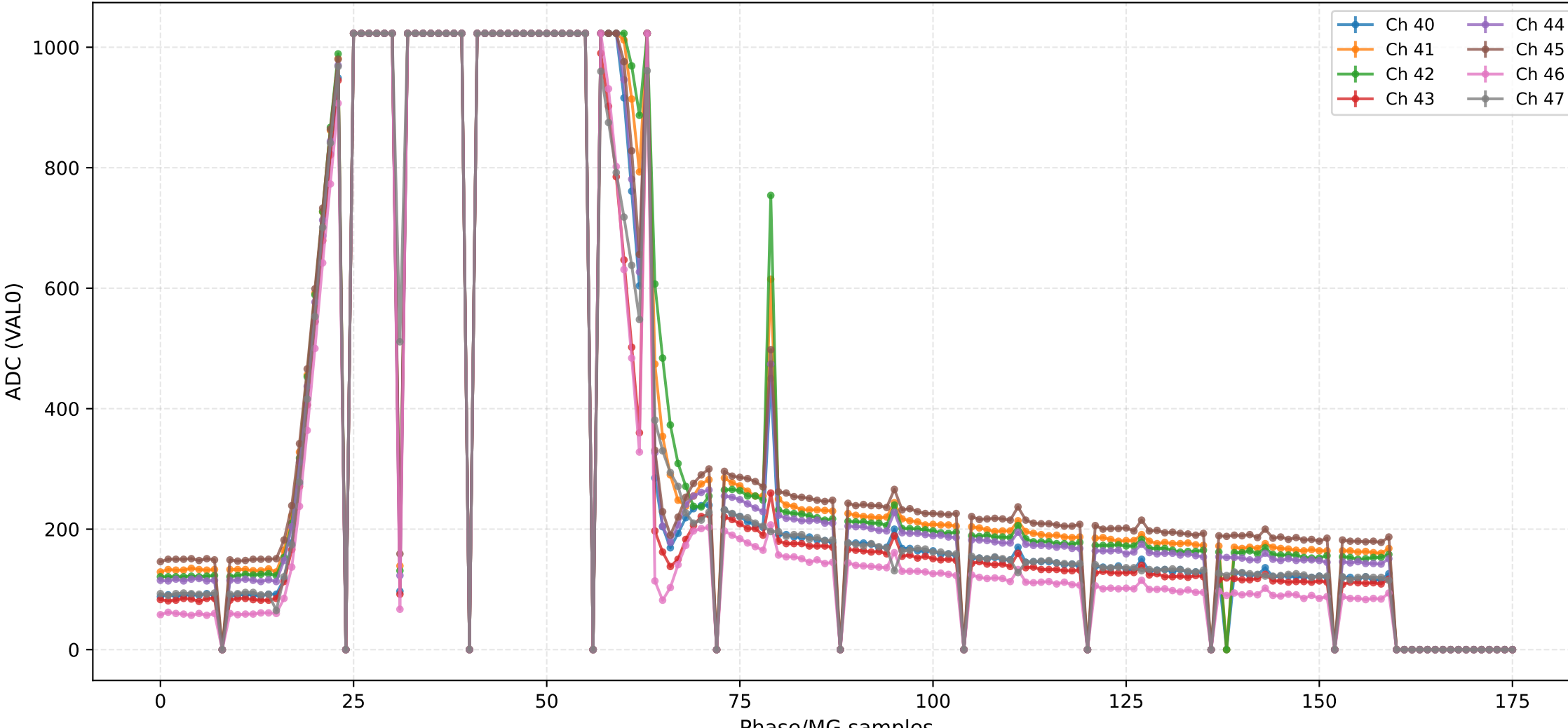
### ADC (VAL0) - Channels 24 to 31



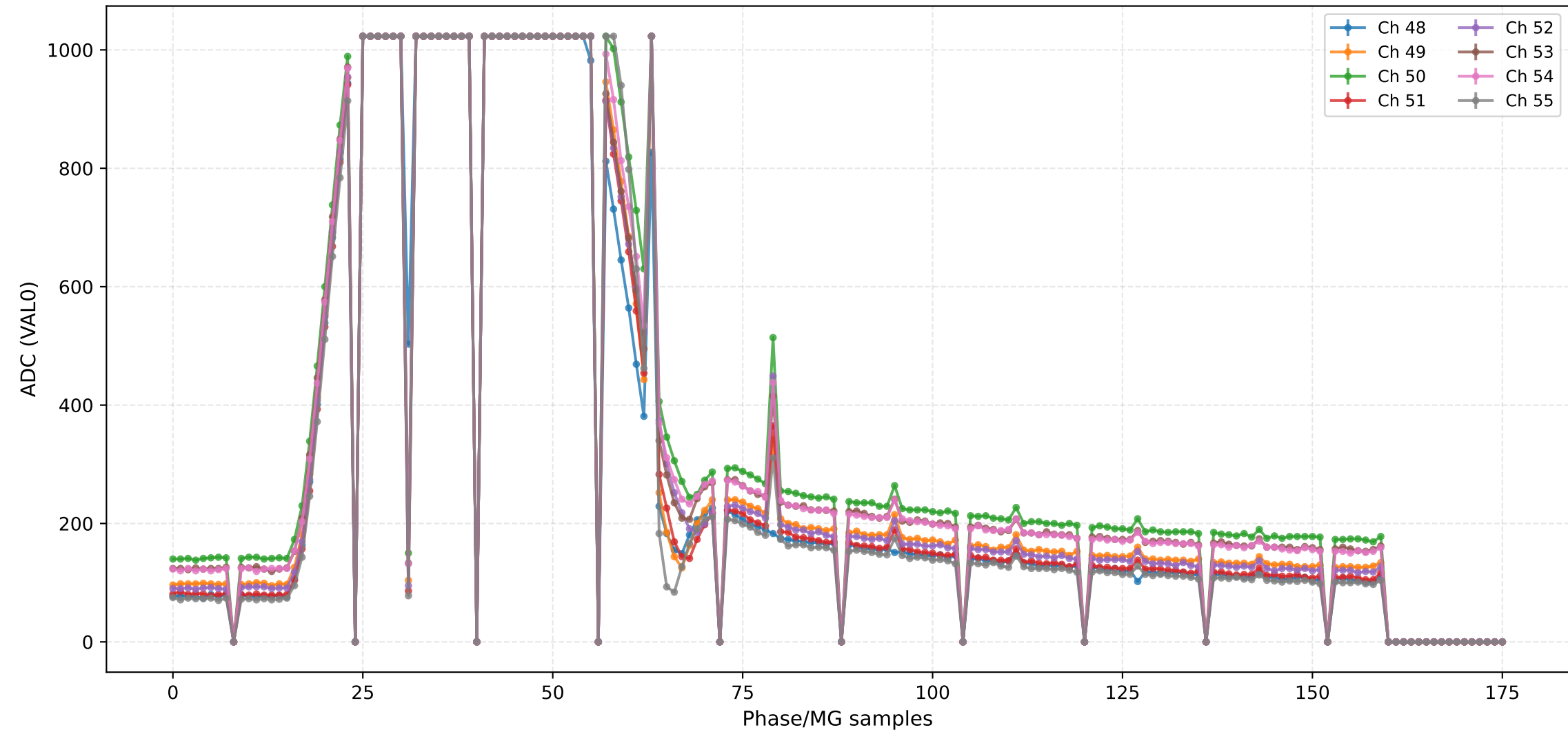
ADC (VAL0) - Channels 32 to 39



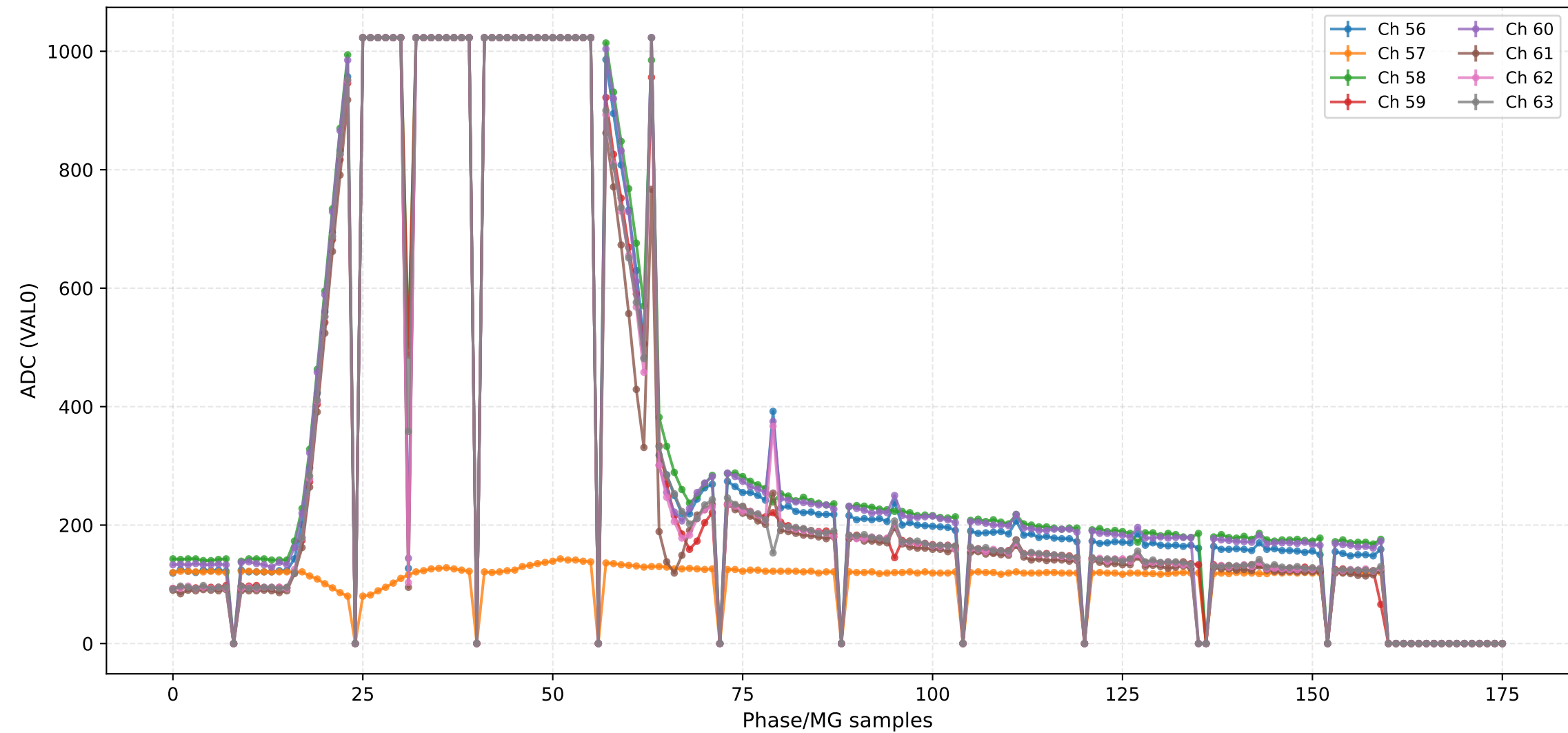
## ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55

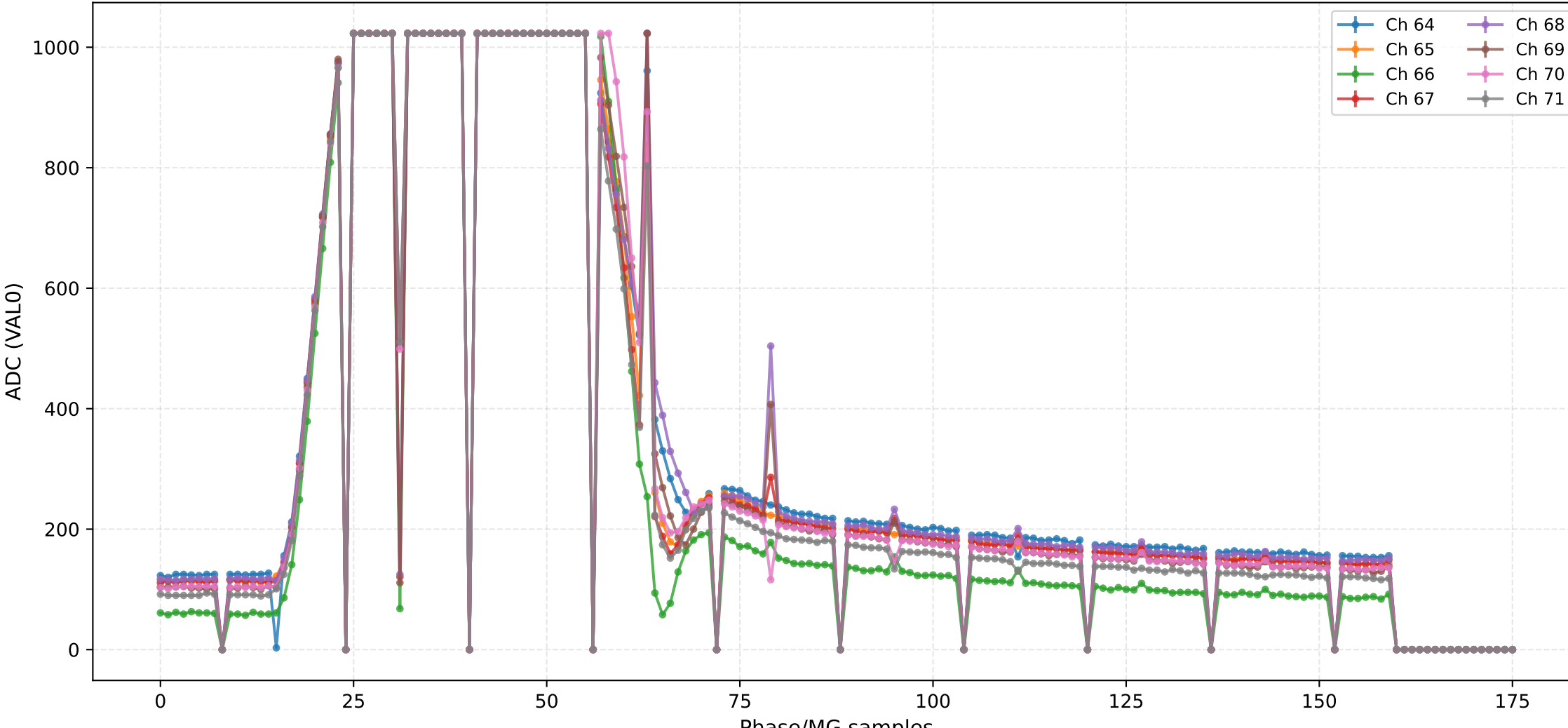


## ADC (VAL0) - Channels 56 to 63

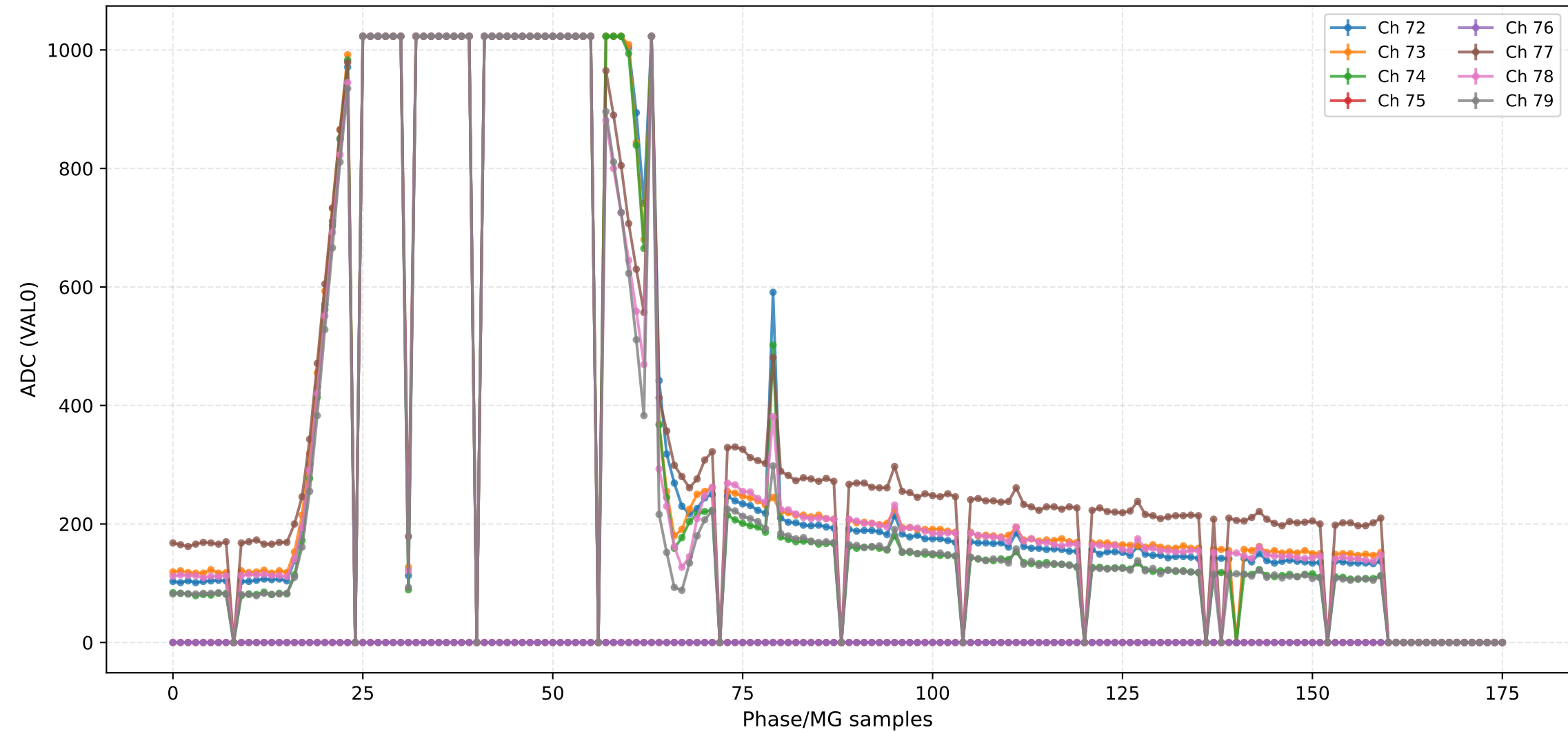




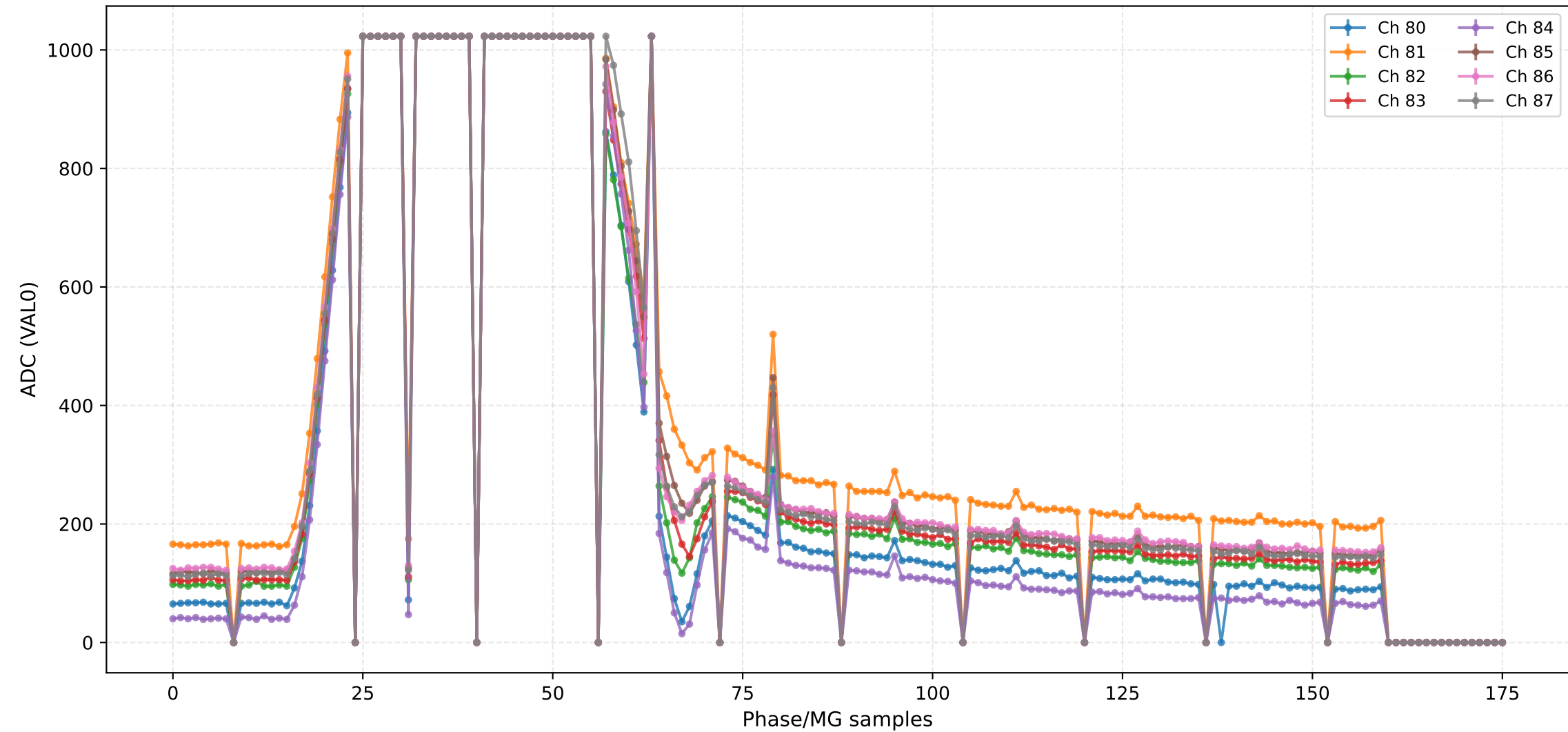
## ADC (VAL0) - Channels 64 to 71



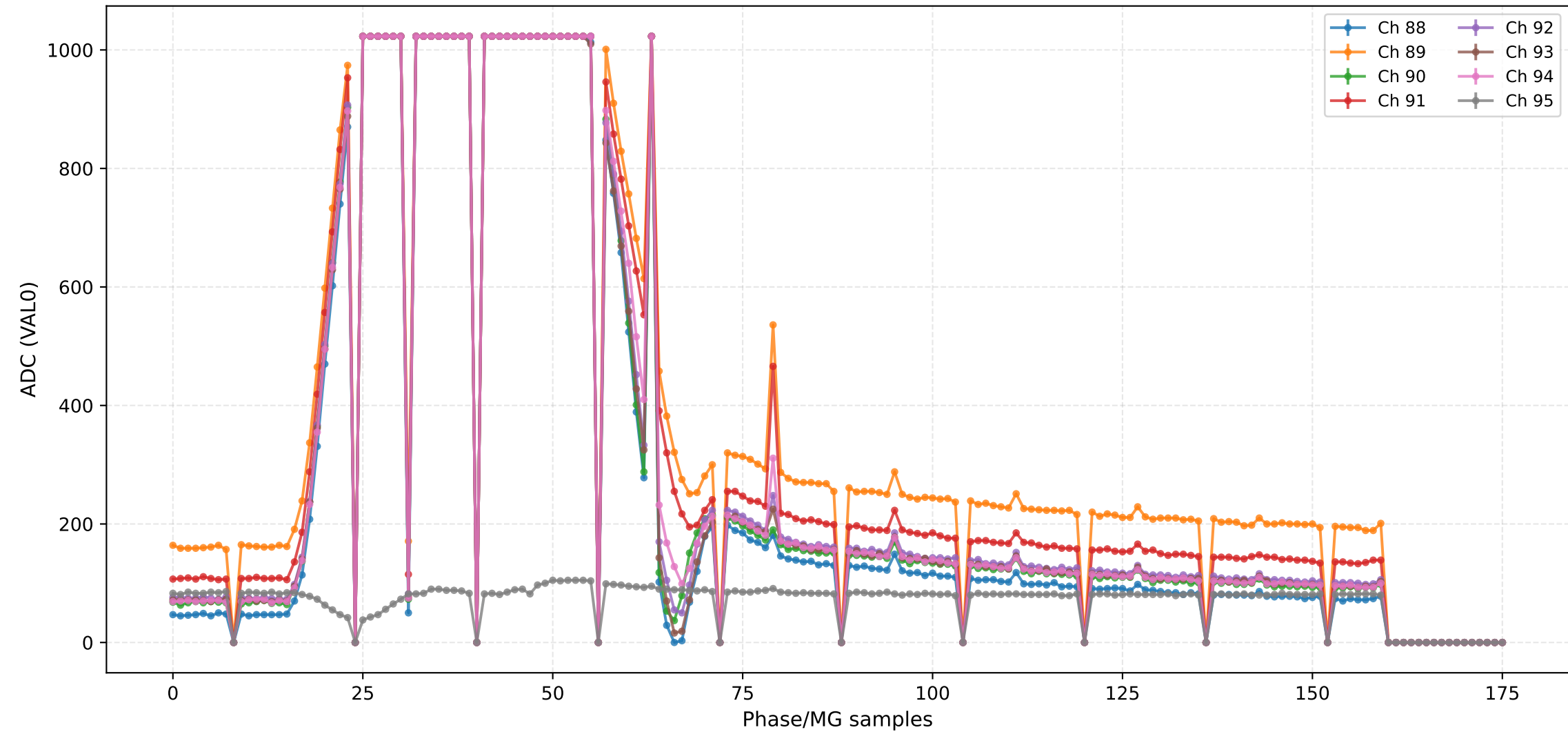
ADC (VAL0) - Channels 72 to 79



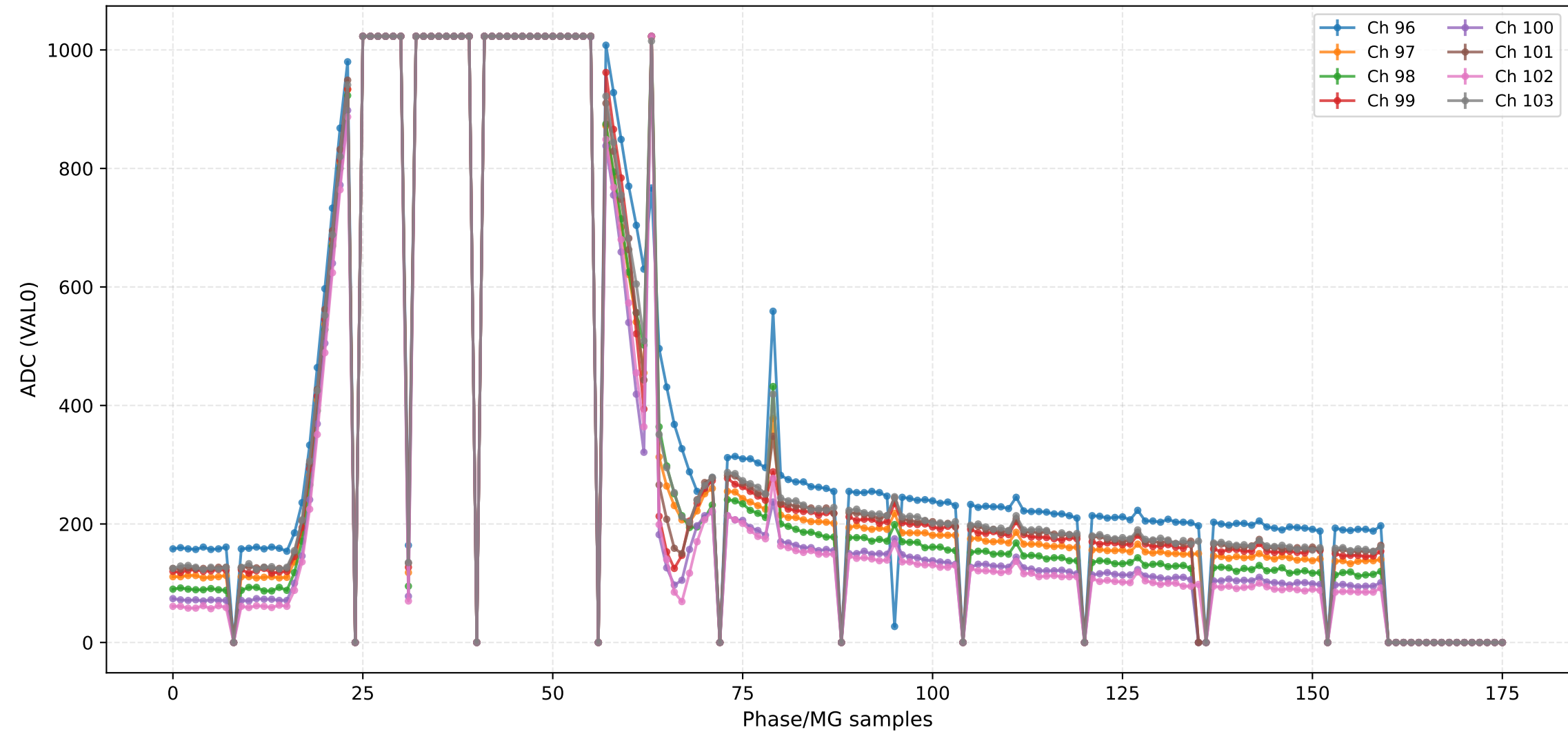
ADC (VAL0) - Channels 80 to 87



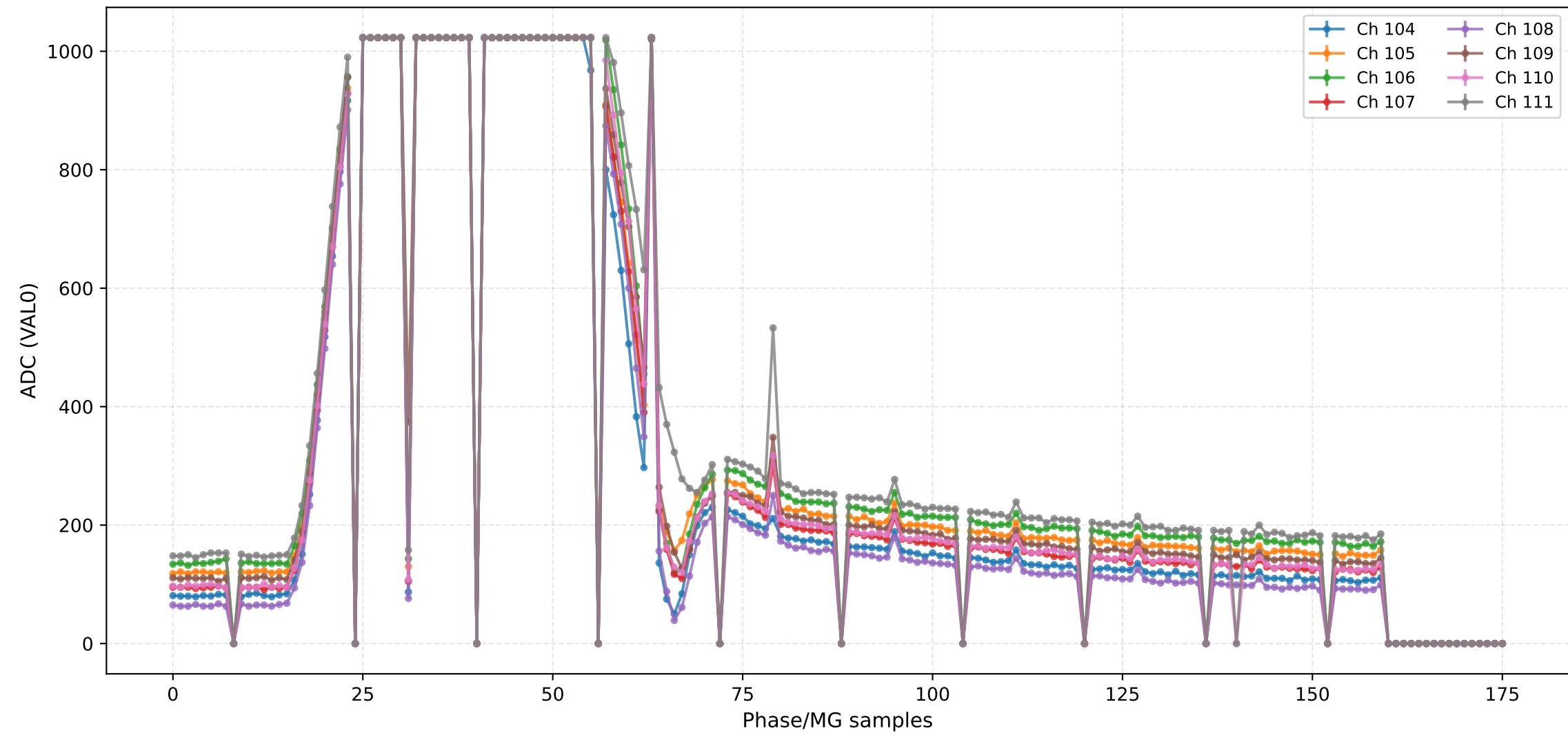
ADC (VAL0) - Channels 88 to 95



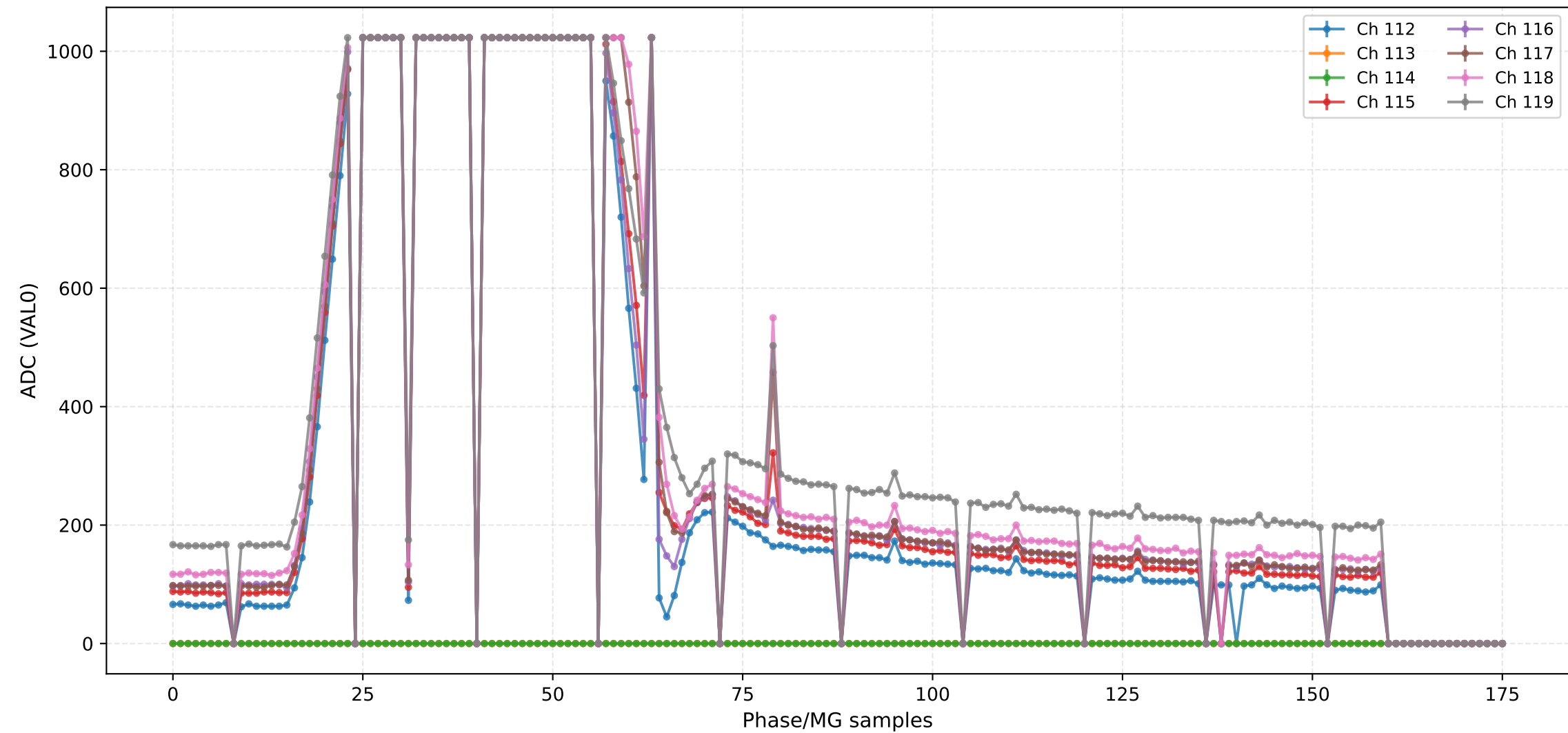
ADC (VAL0) - Channels 96 to 103



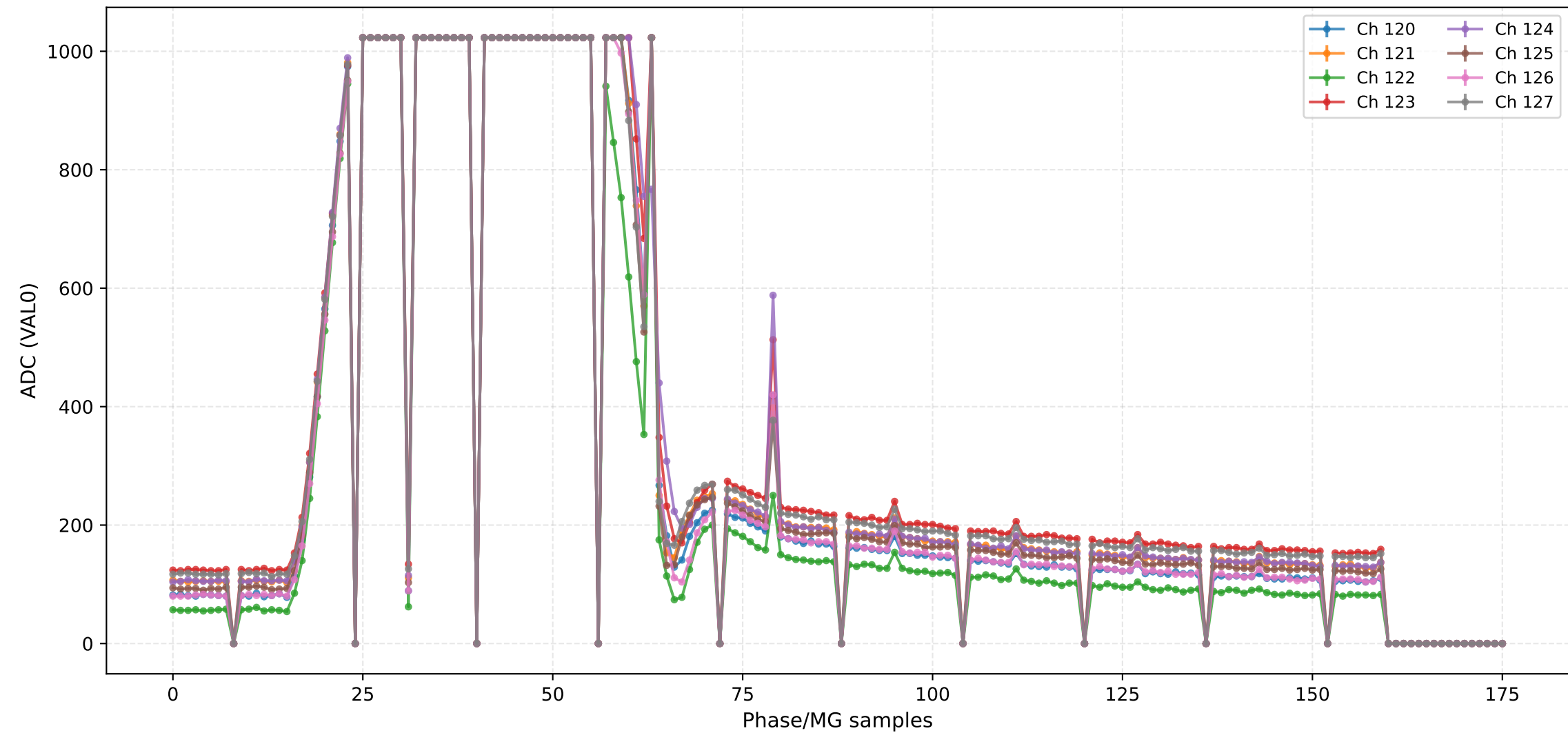
### ADC (VAL0) - Channels 104 to 111



## ADC (VAL0) - Channels 112 to 119

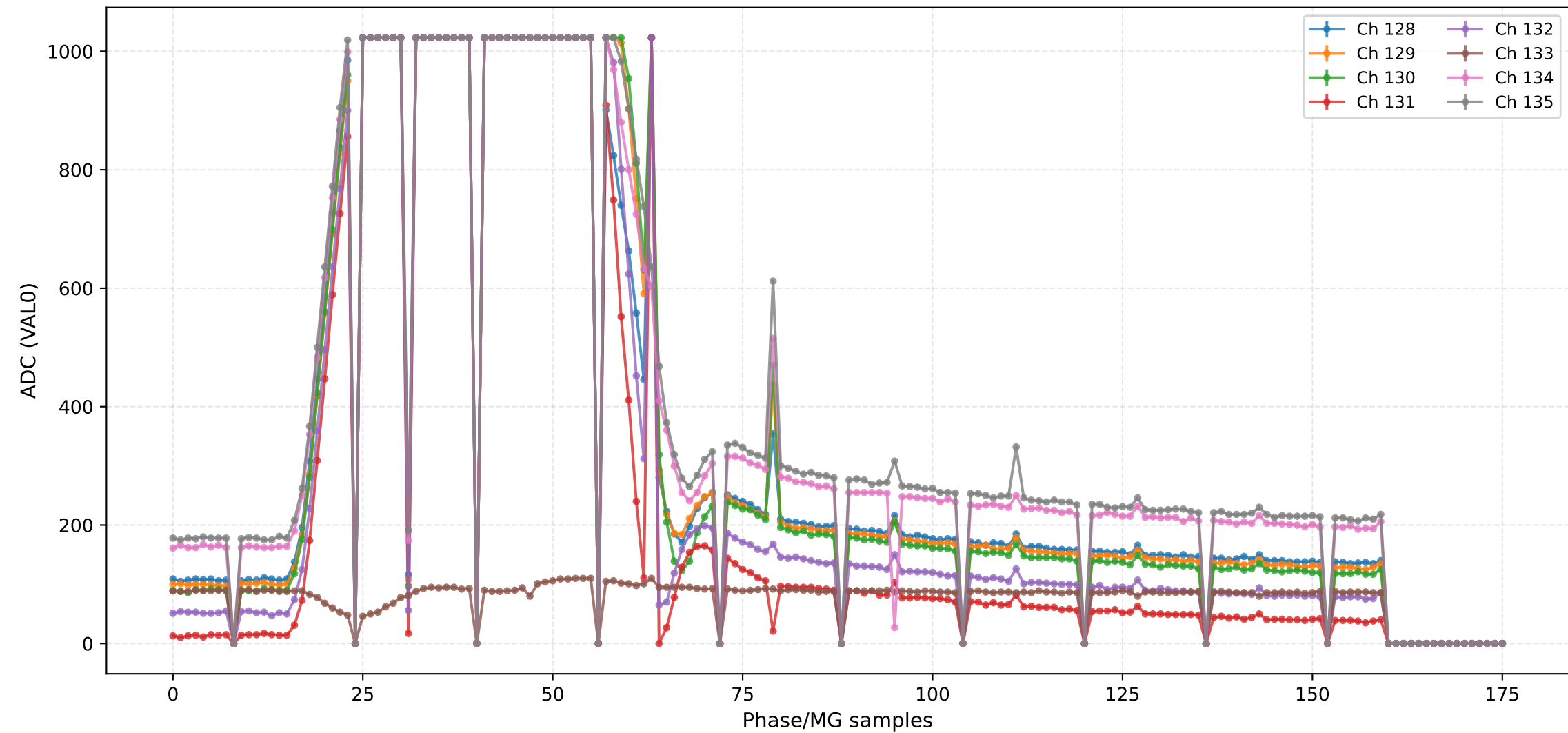


## ADC (VAL0) - Channels 120 to 127

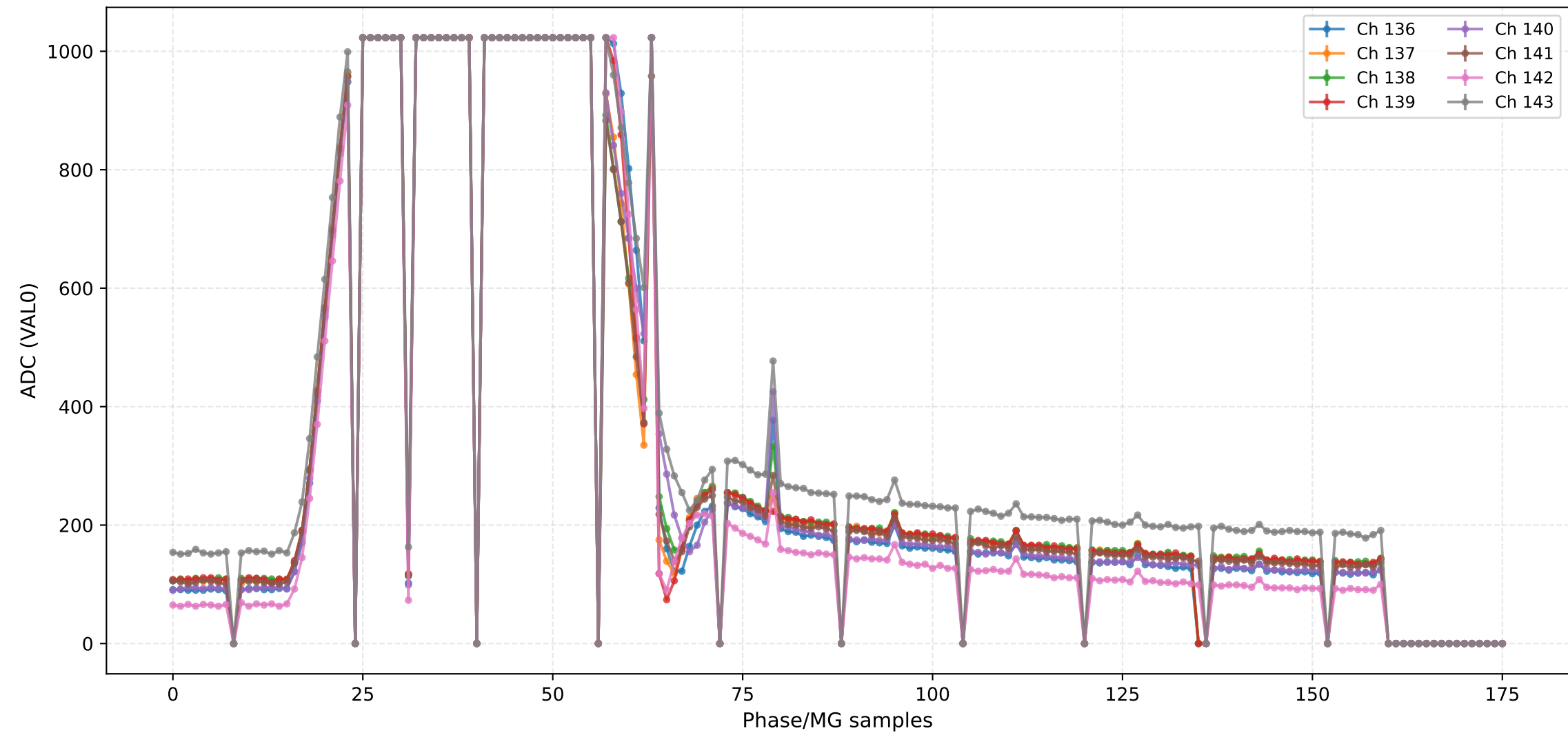




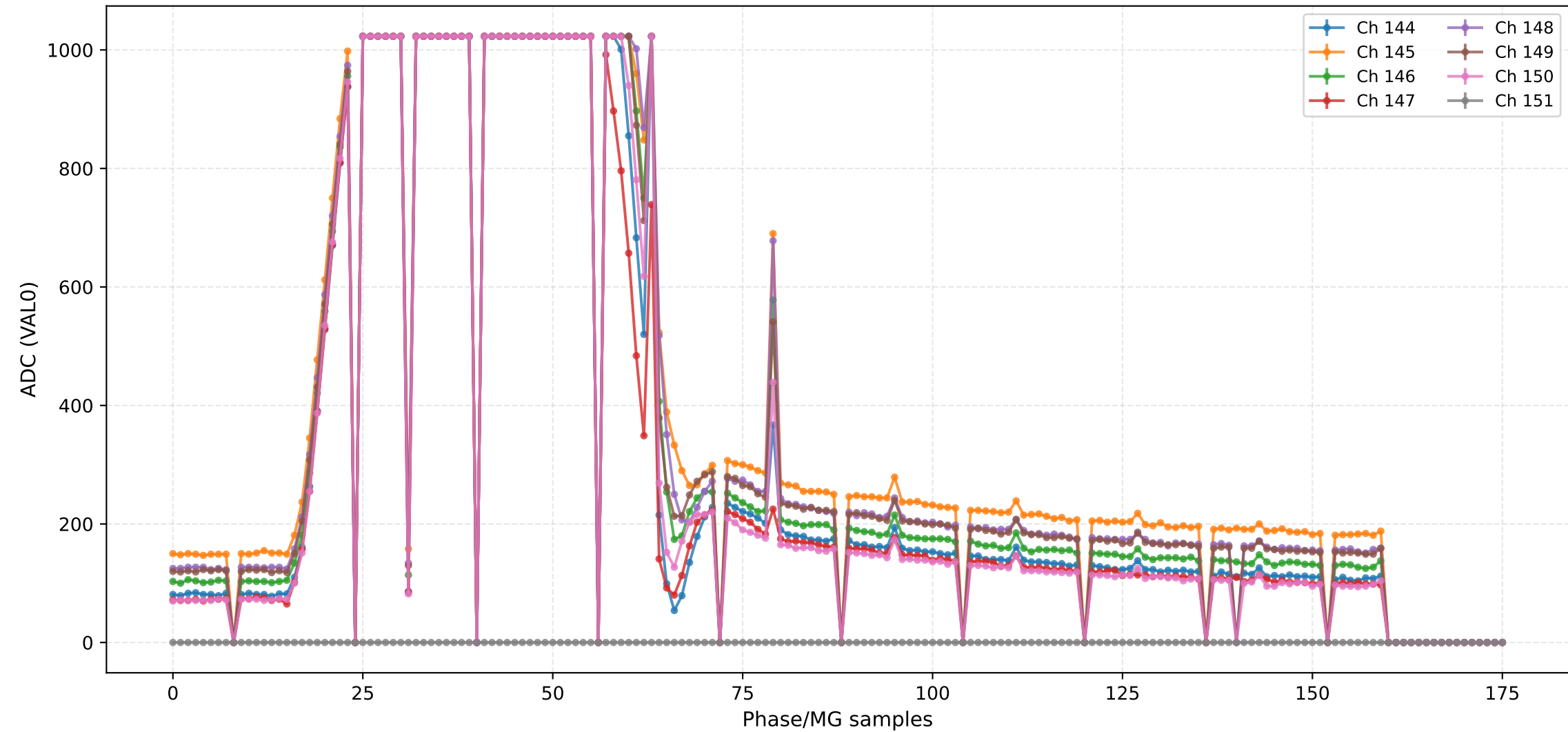
### ADC (VAL0) - Channels 128 to 135



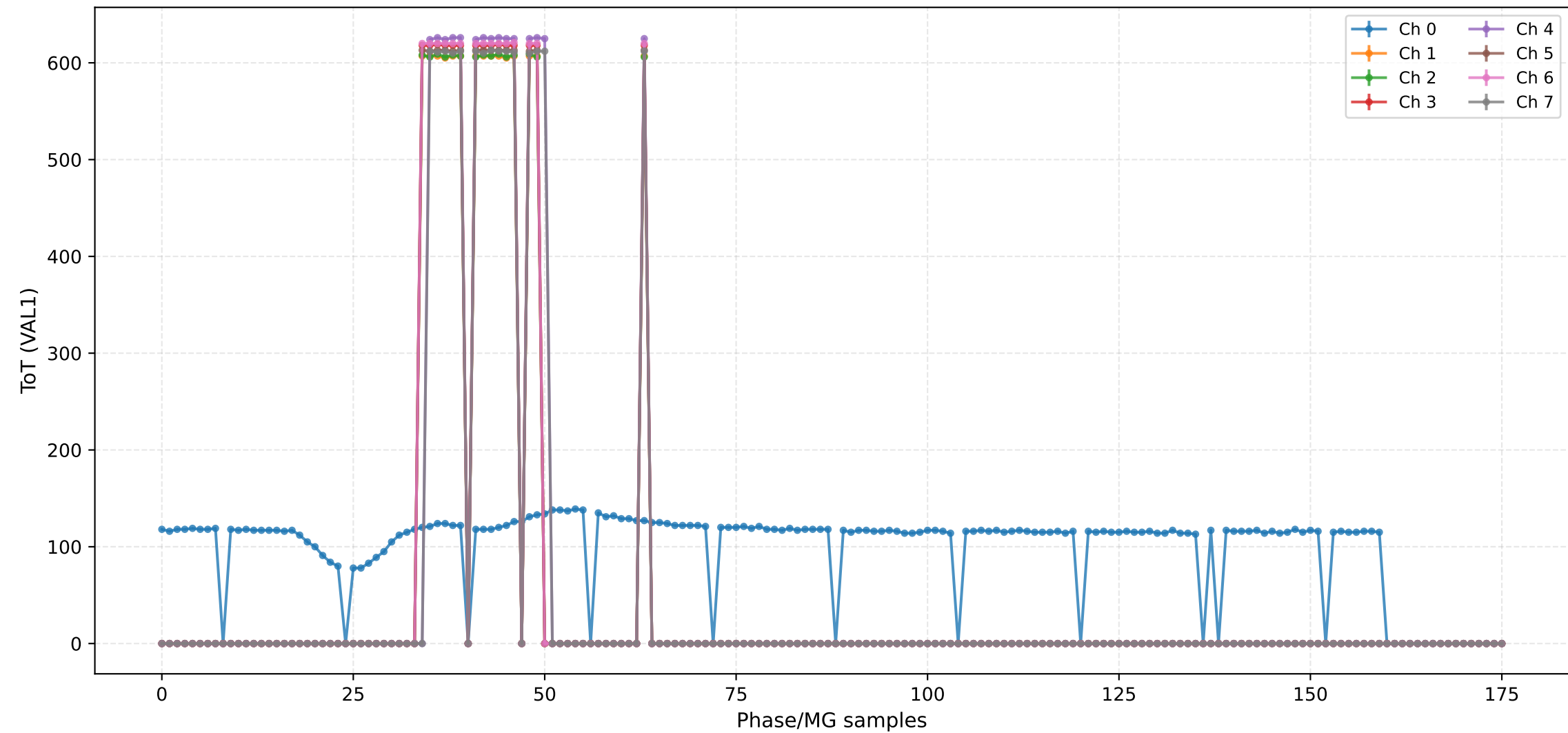
### ADC (VAL0) - Channels 136 to 143



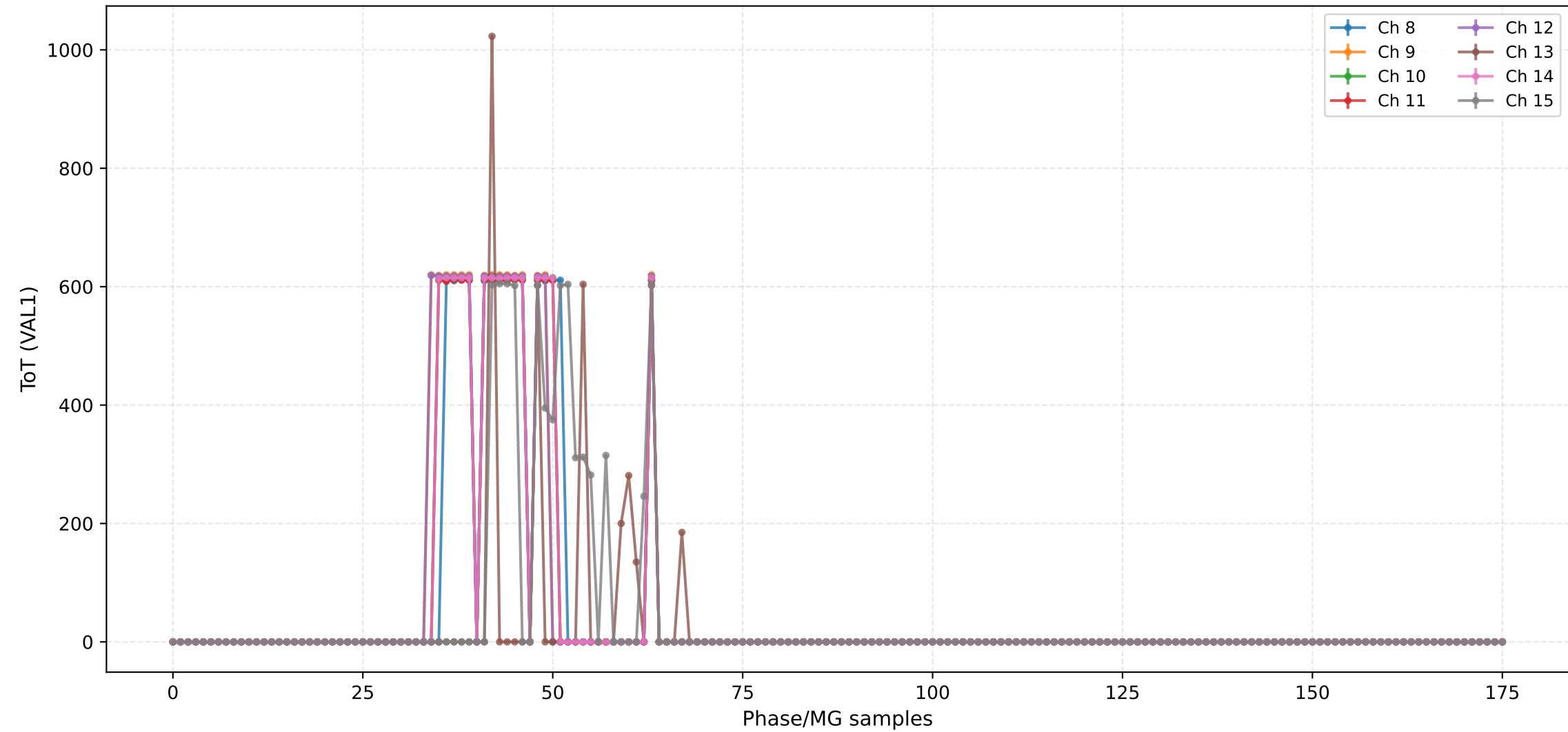
ADC (VAL0) - Channels 144 to 151



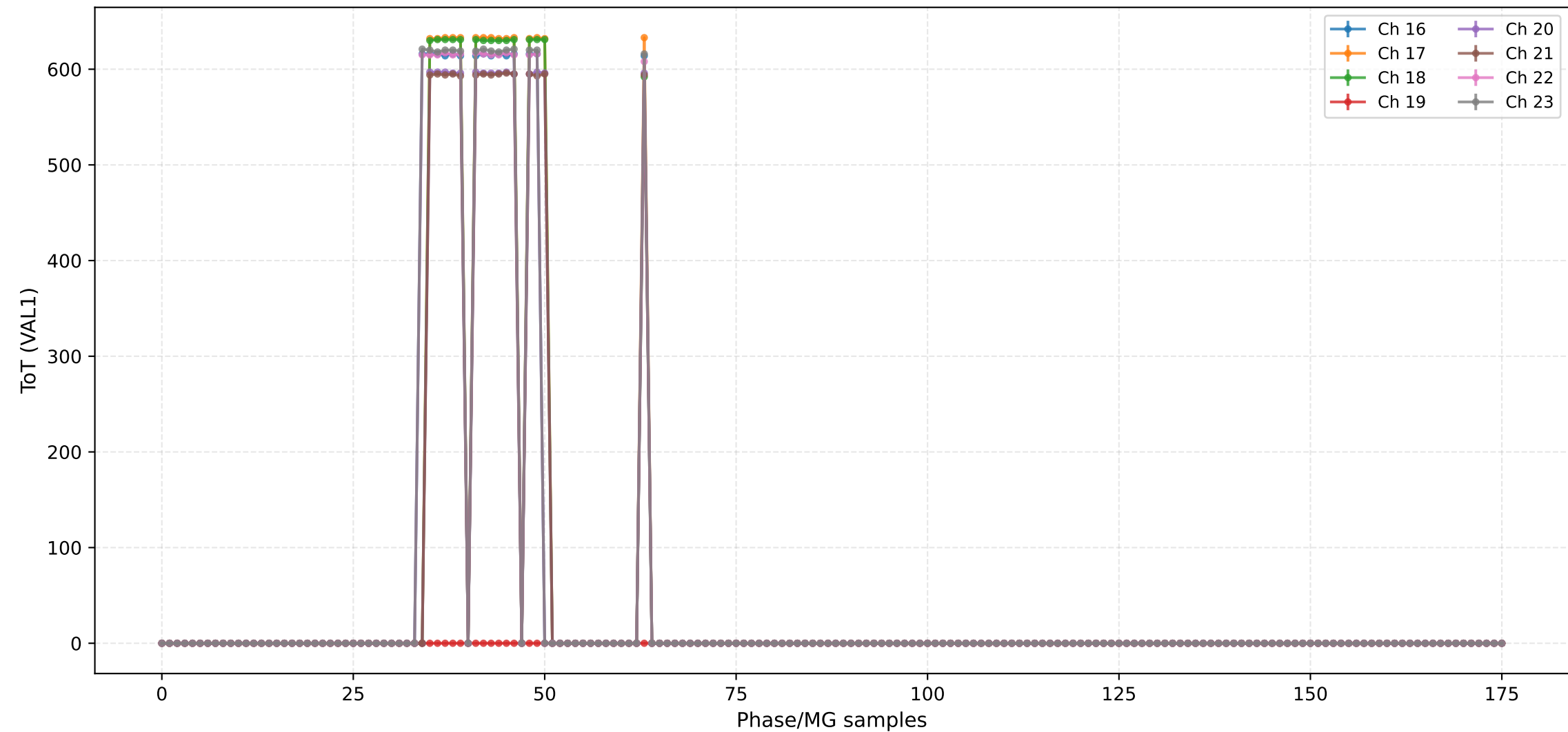
ToT (VAL1) - Channels 0 to 7



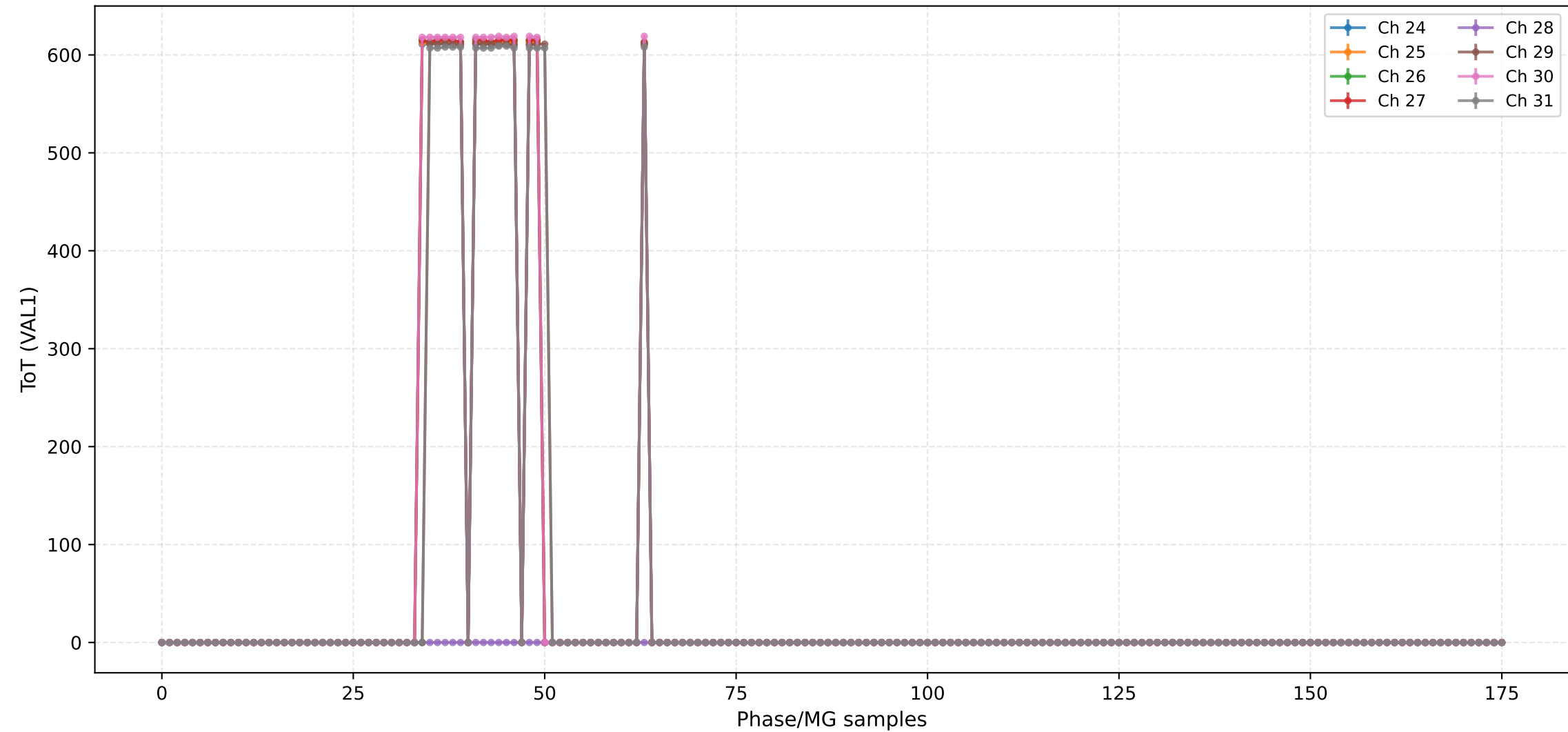
ToT (VAL1) - Channels 8 to 15



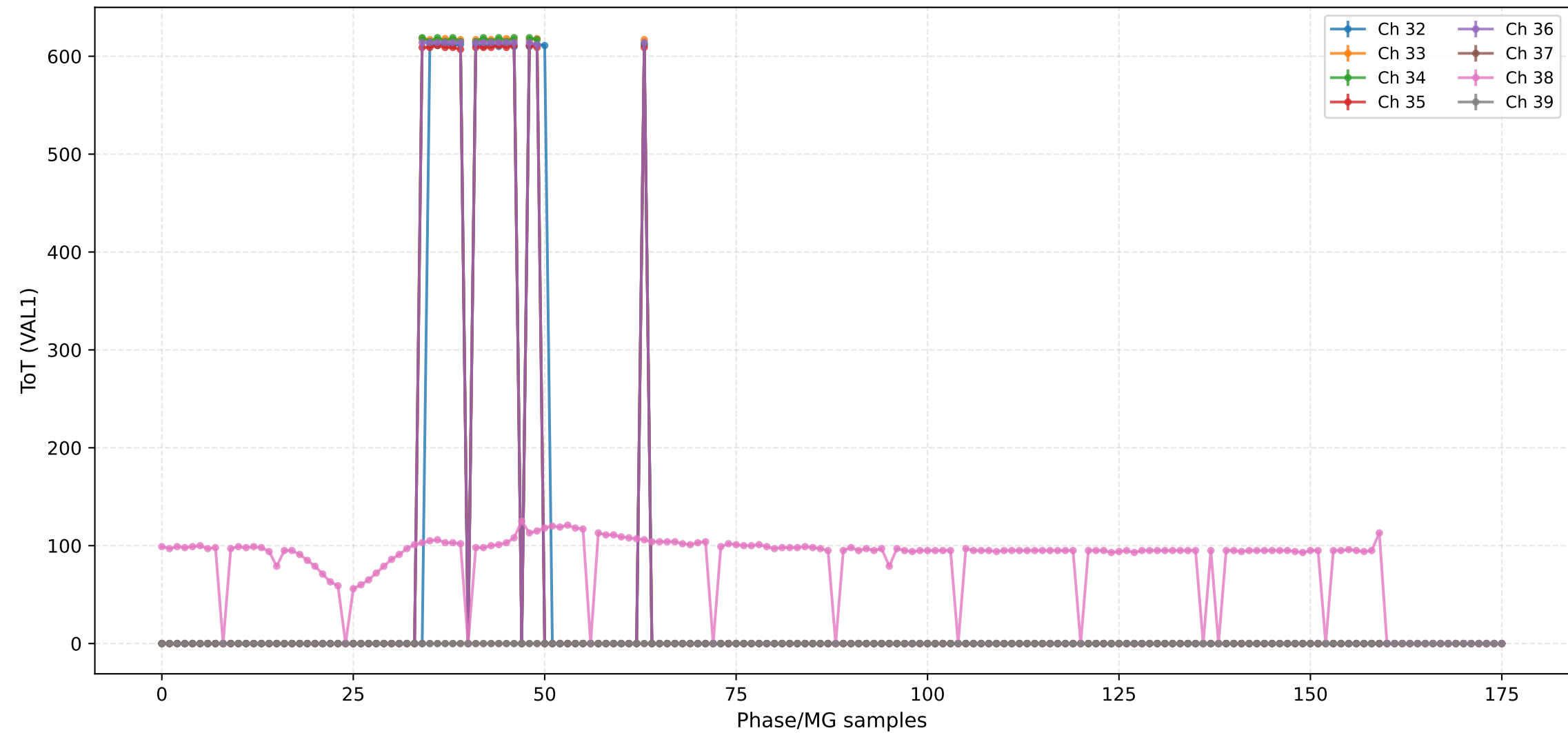
ToT (VAL1) - Channels 16 to 23



## ToT (VAL1) - Channels 24 to 31

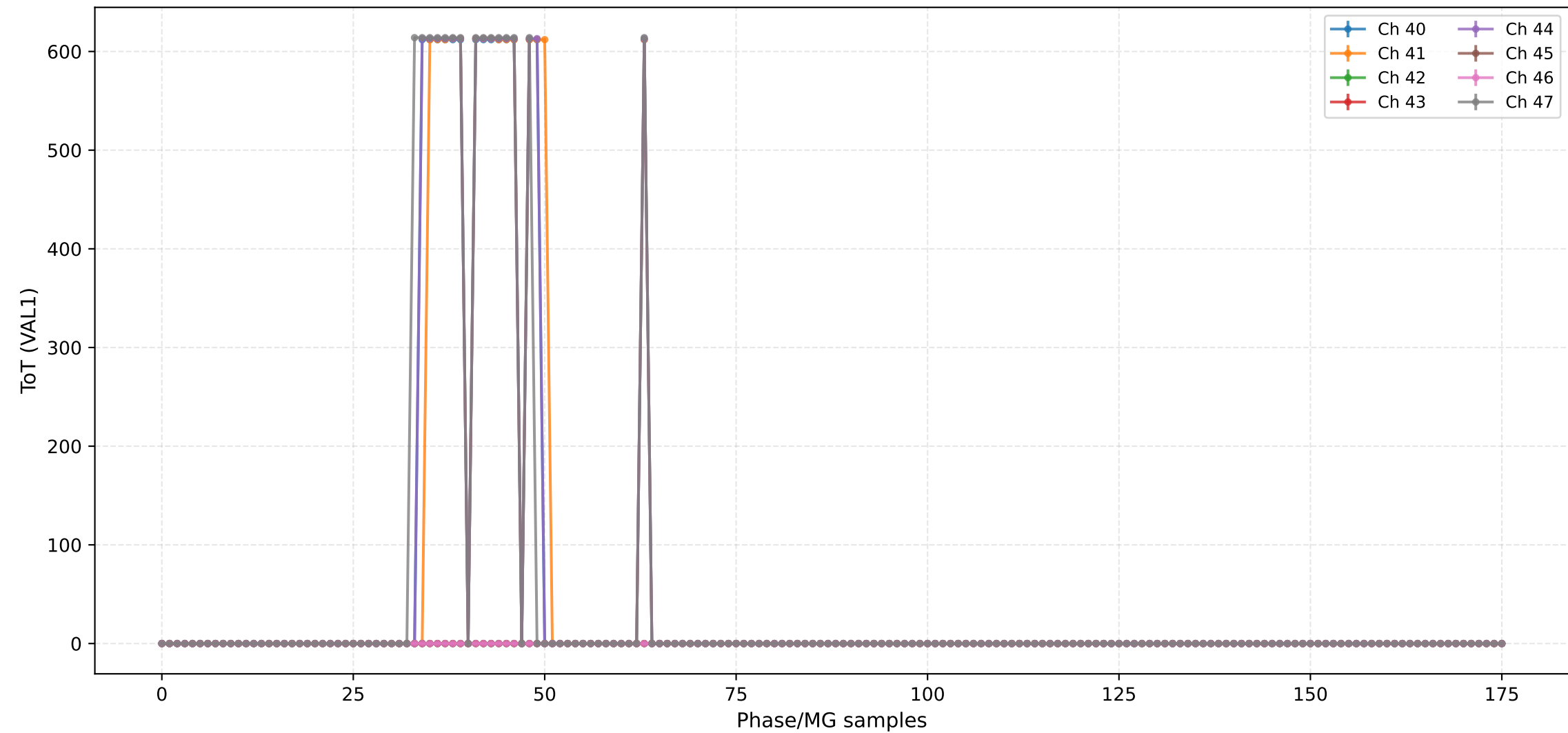


ToT (VAL1) - Channels 32 to 39

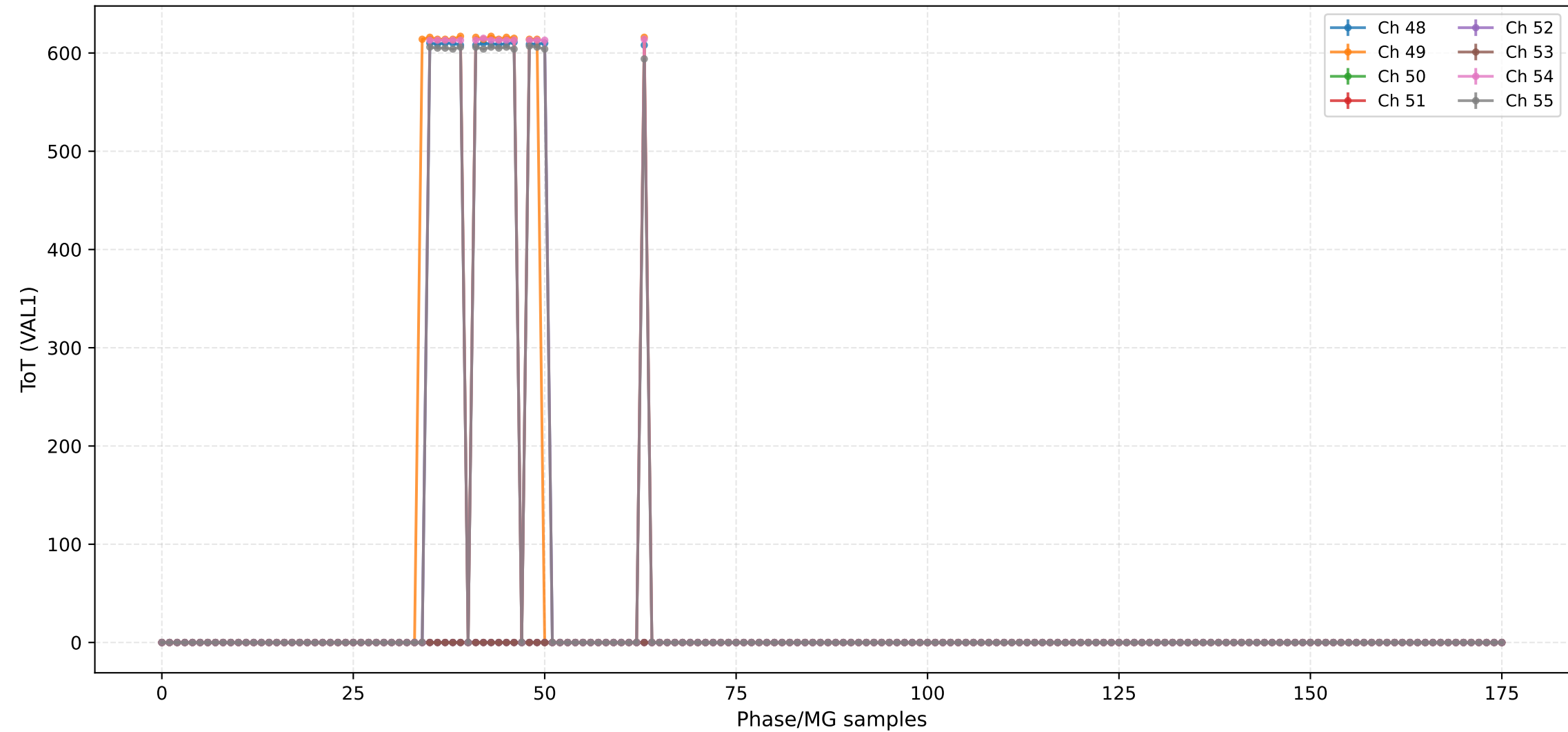




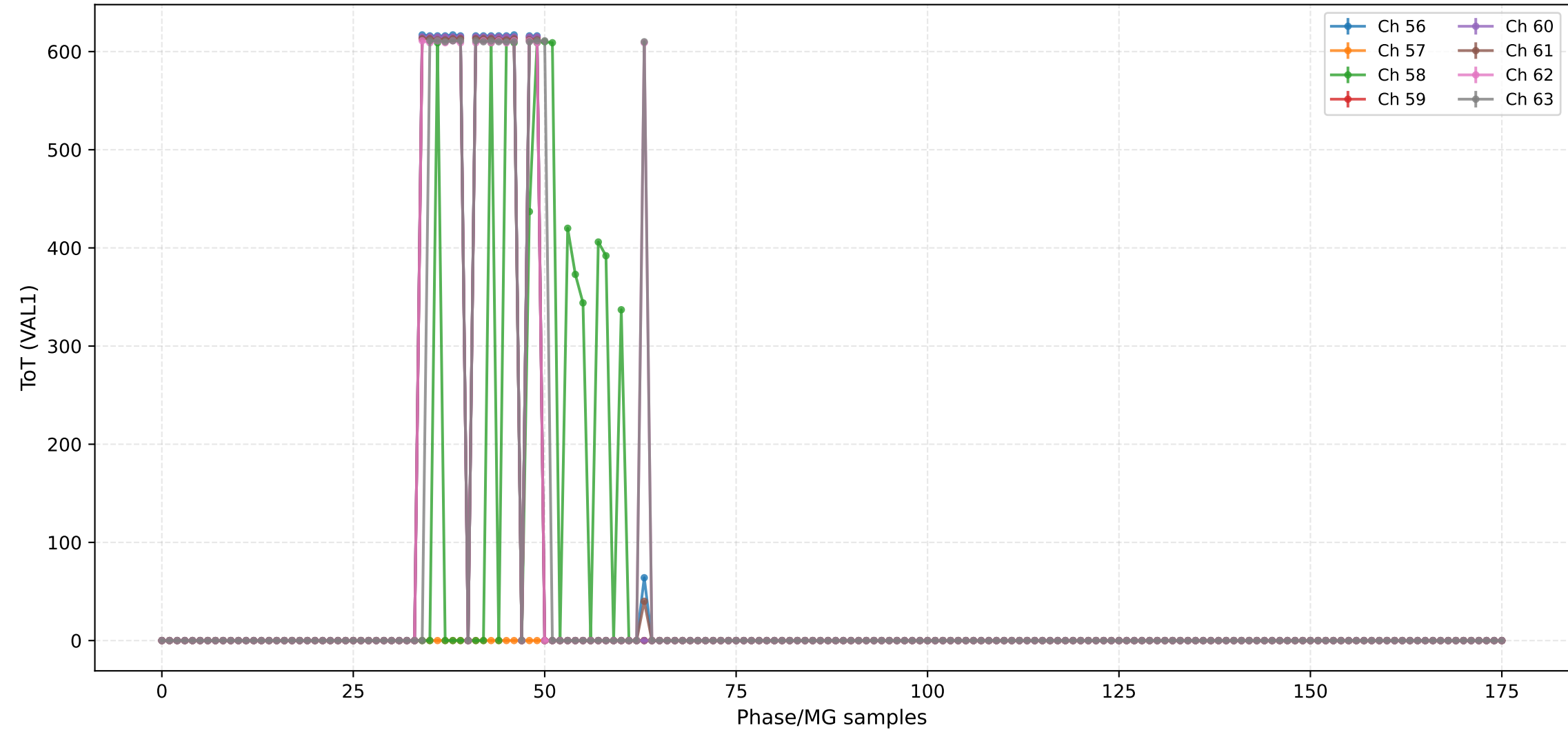
## ToT (VAL1) - Channels 40 to 47



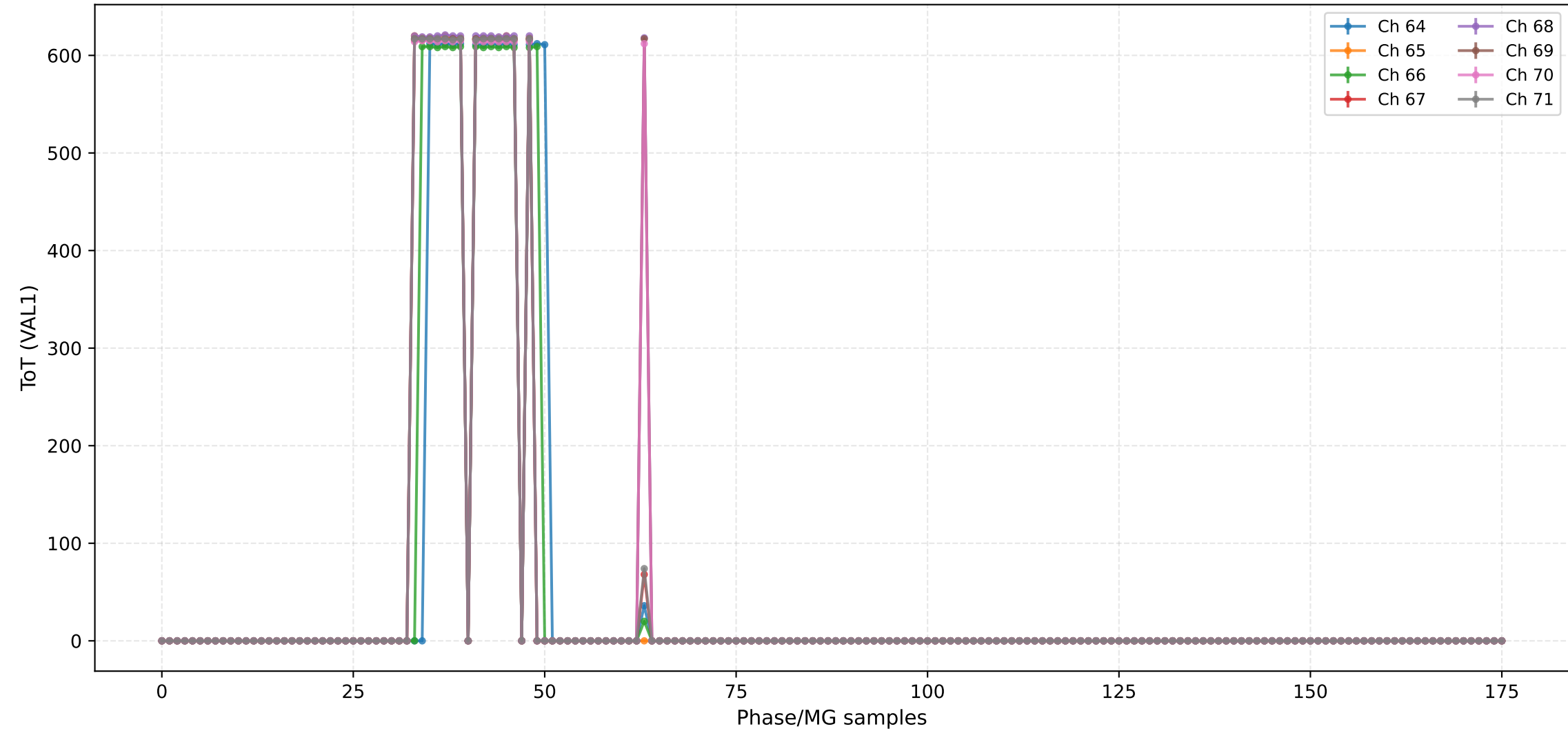
## ToT (VAL1) - Channels 48 to 55



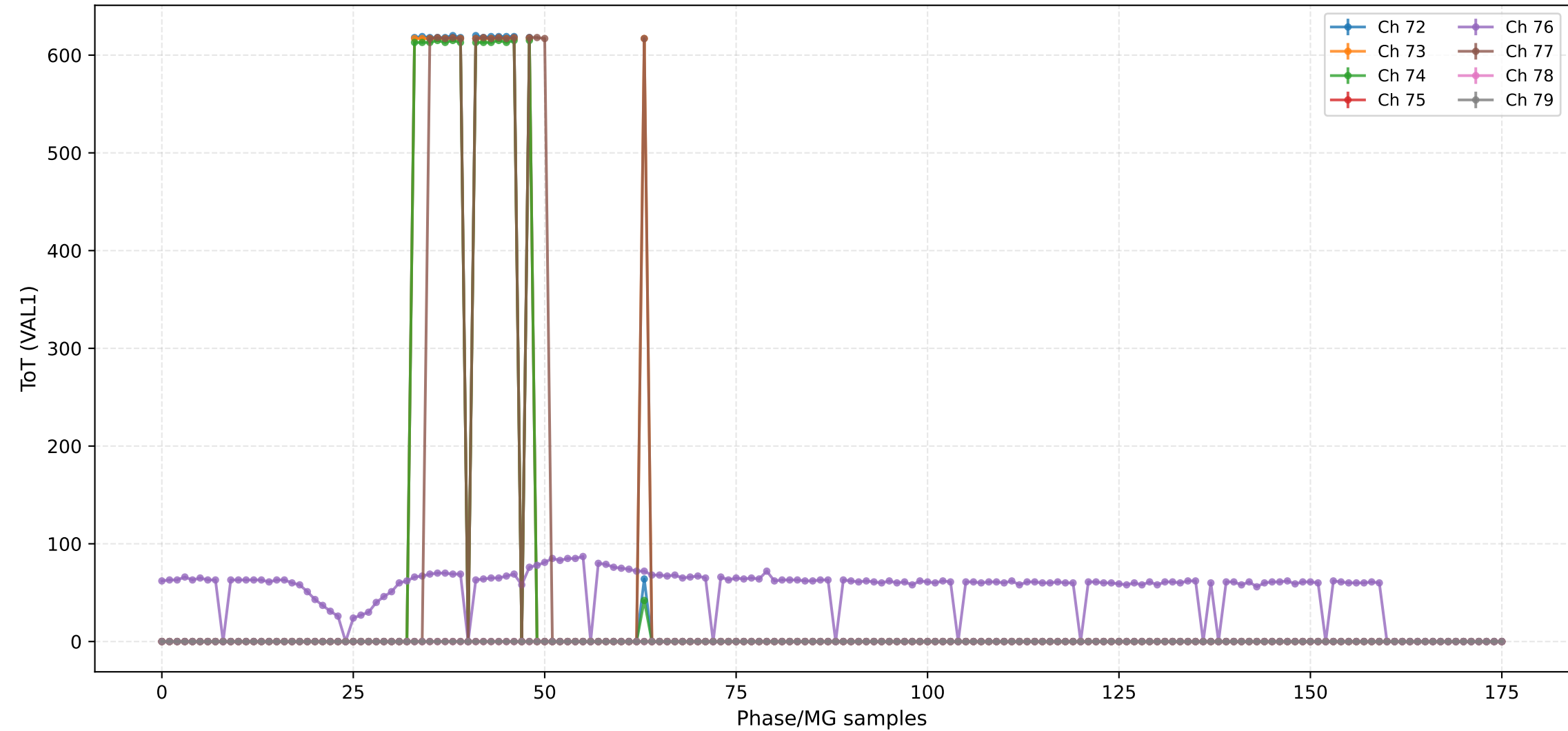
ToT (VAL1) - Channels 56 to 63



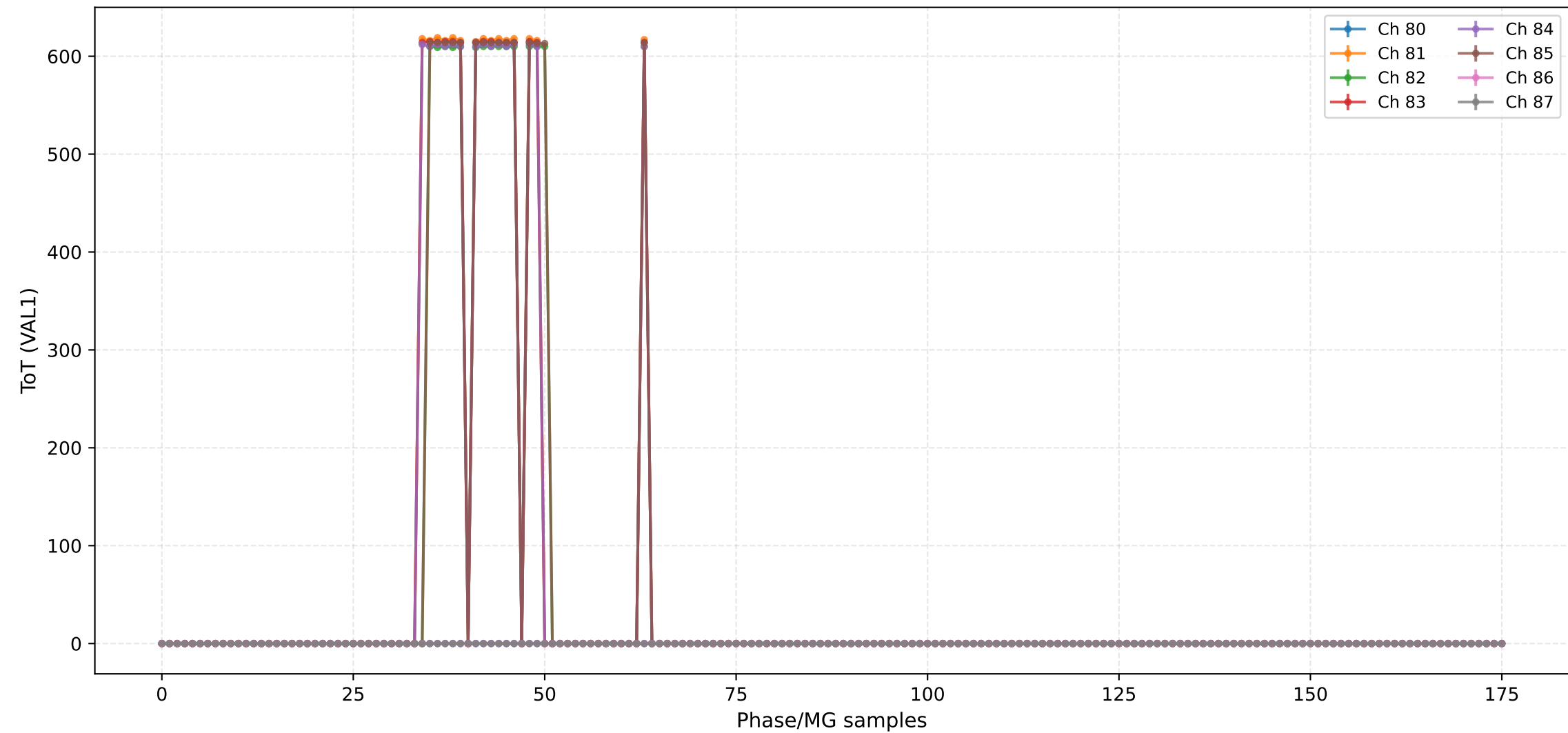
ToT (VAL1) - Channels 64 to 71



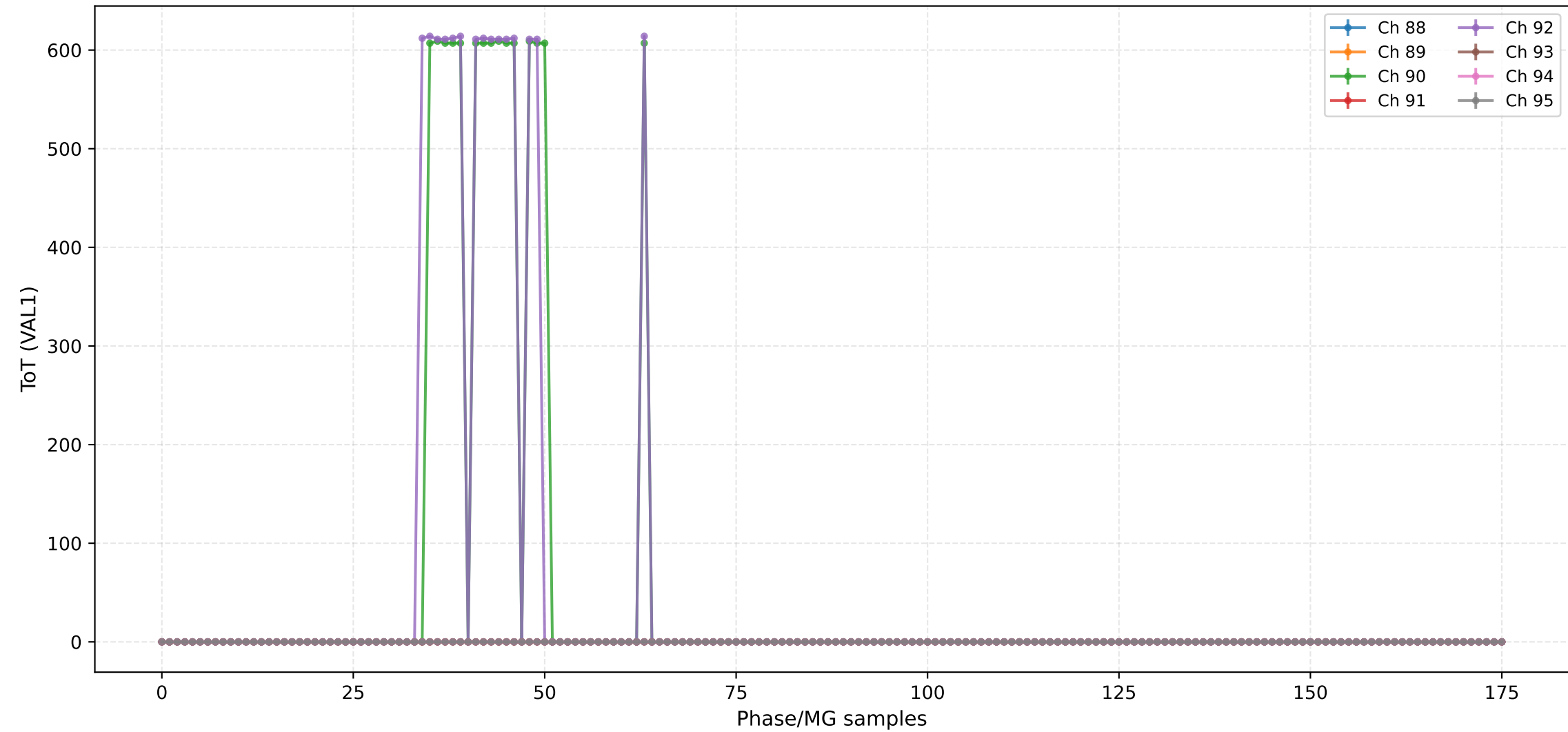
ToT (VAL1) - Channels 72 to 79



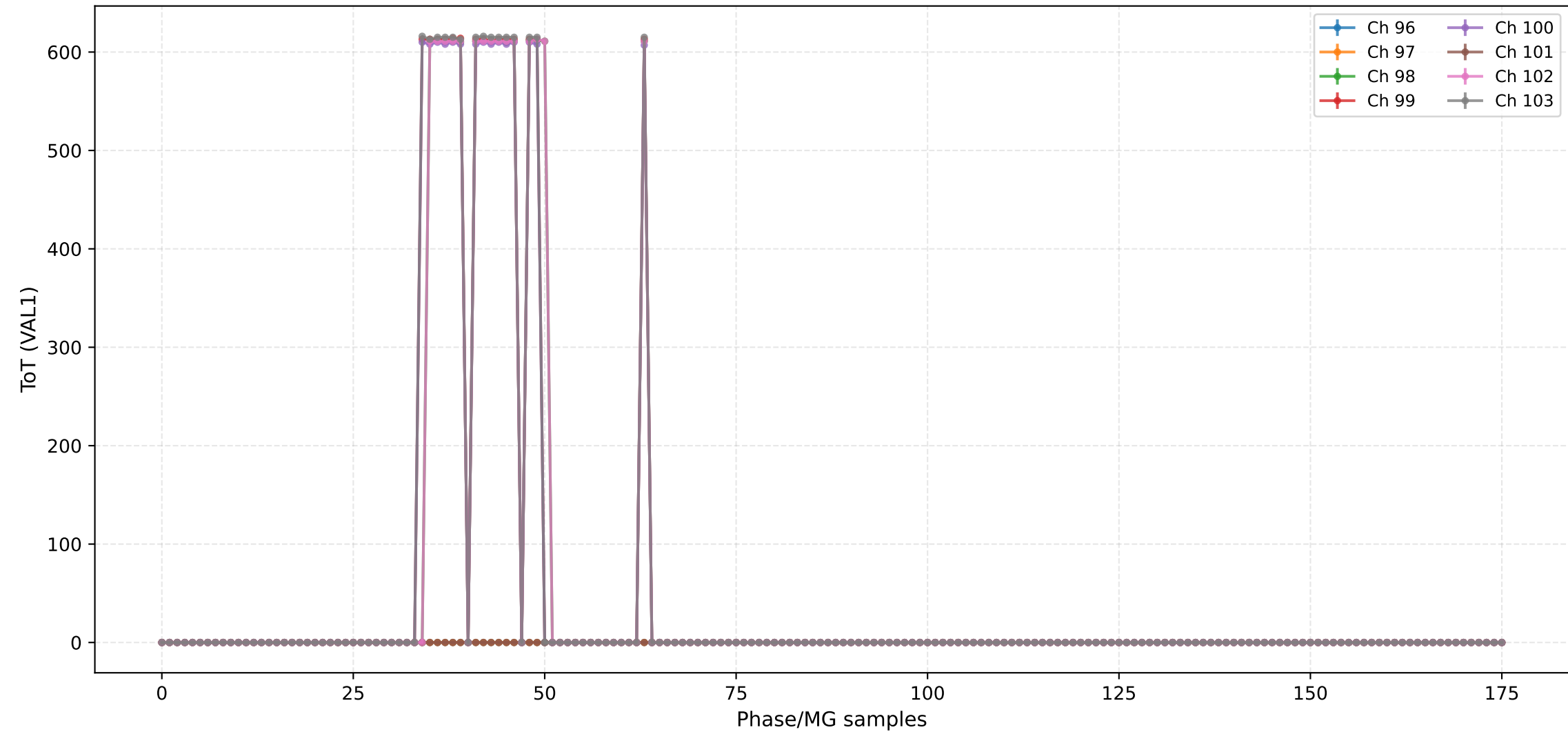
ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95

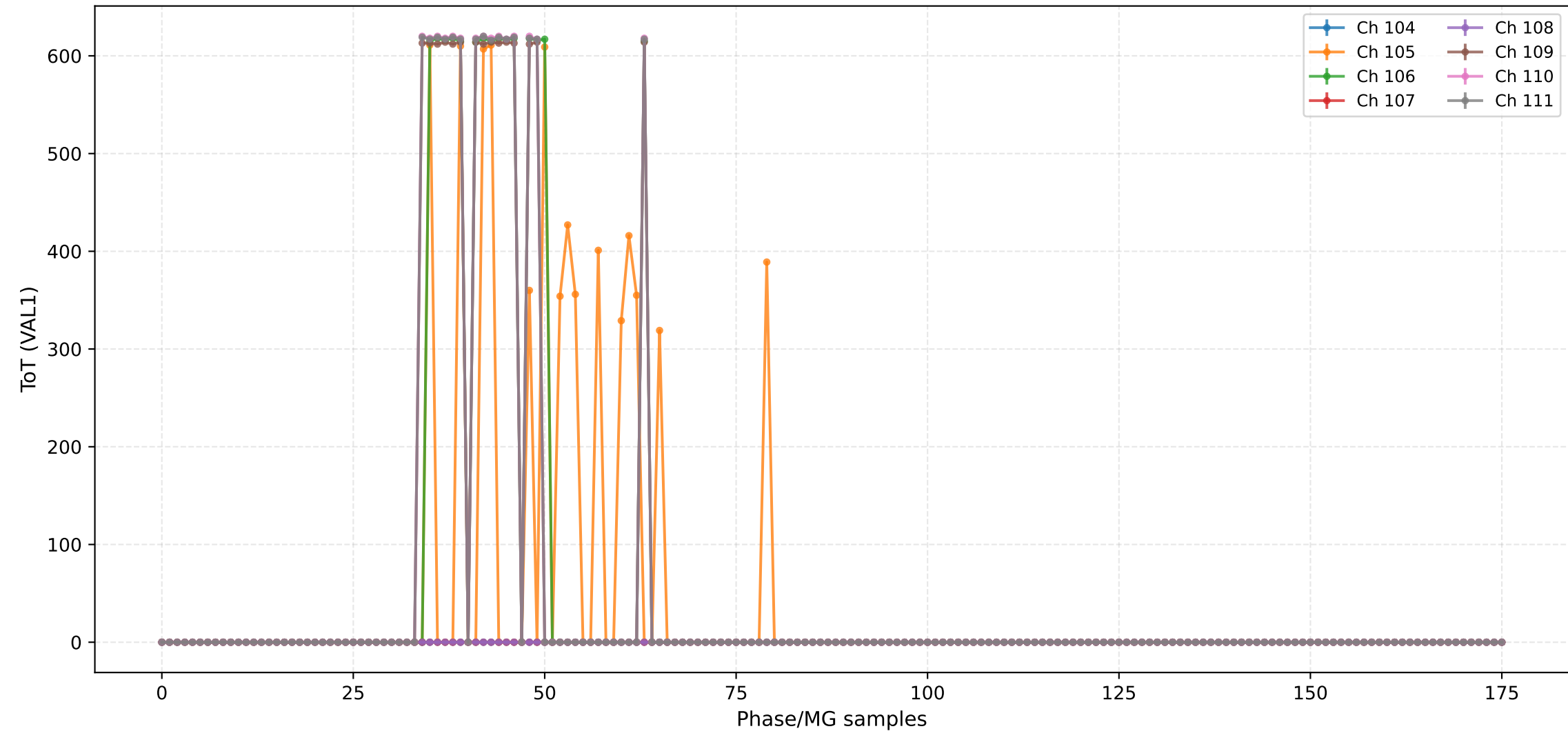


### ToT (VAL1) - Channels 96 to 103

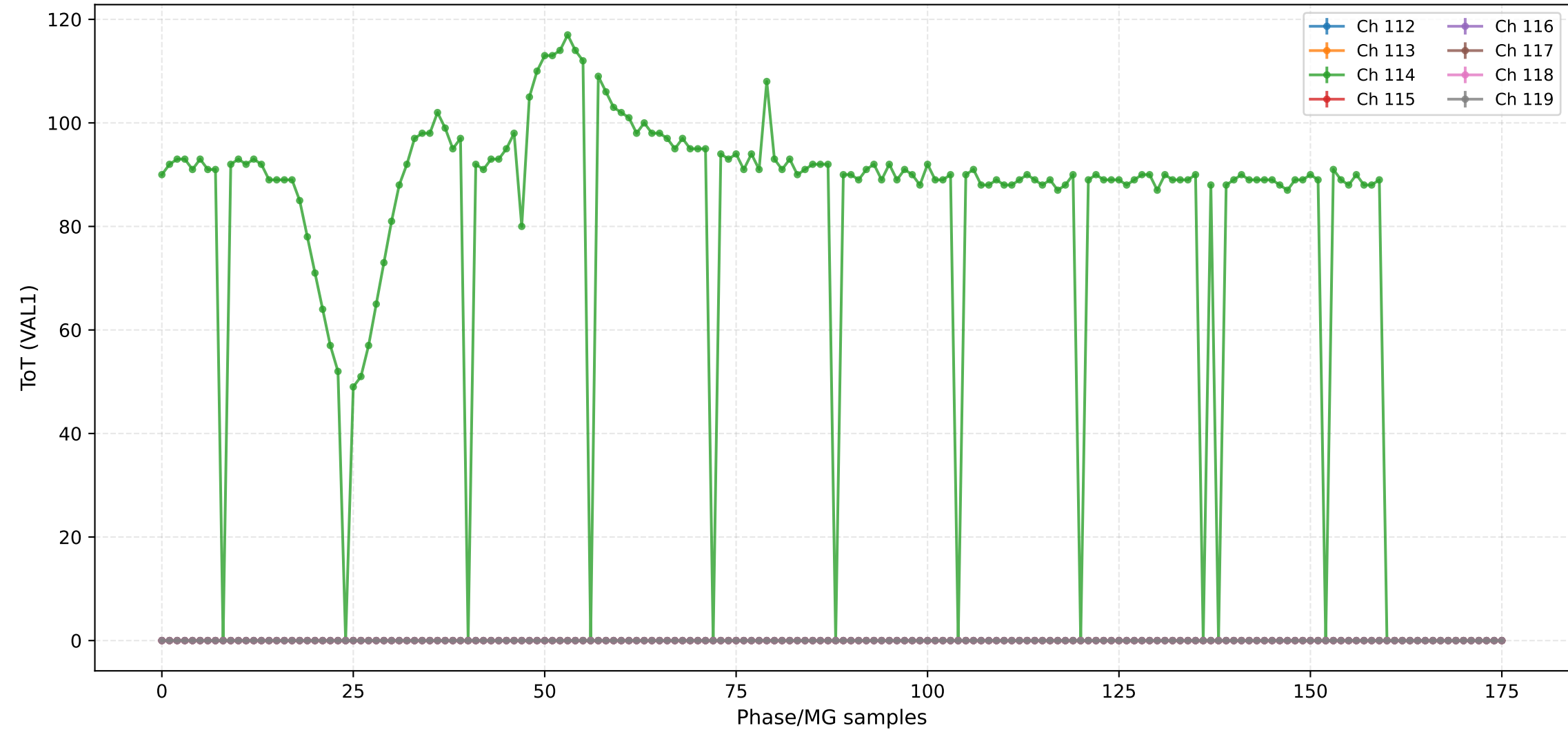




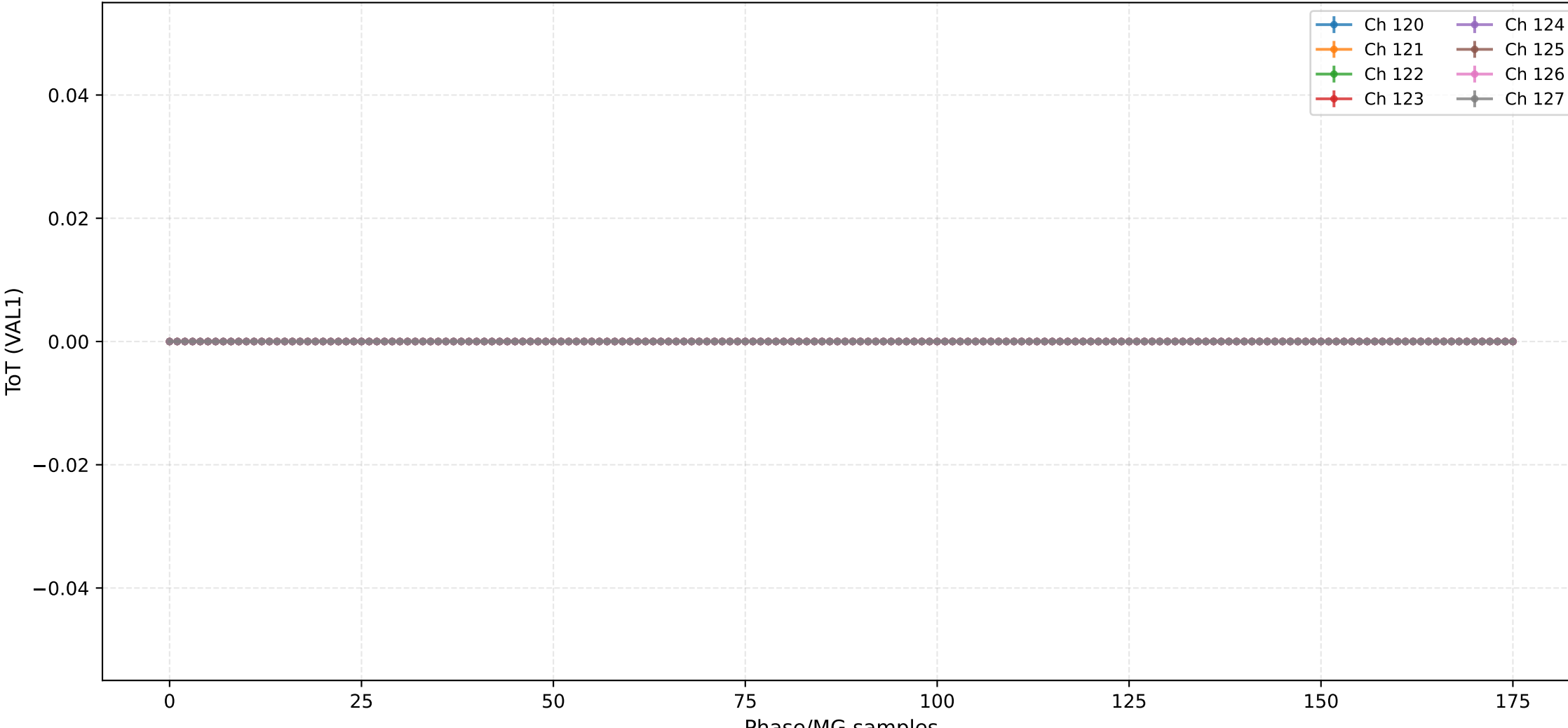
ToT (VAL1) - Channels 104 to 111



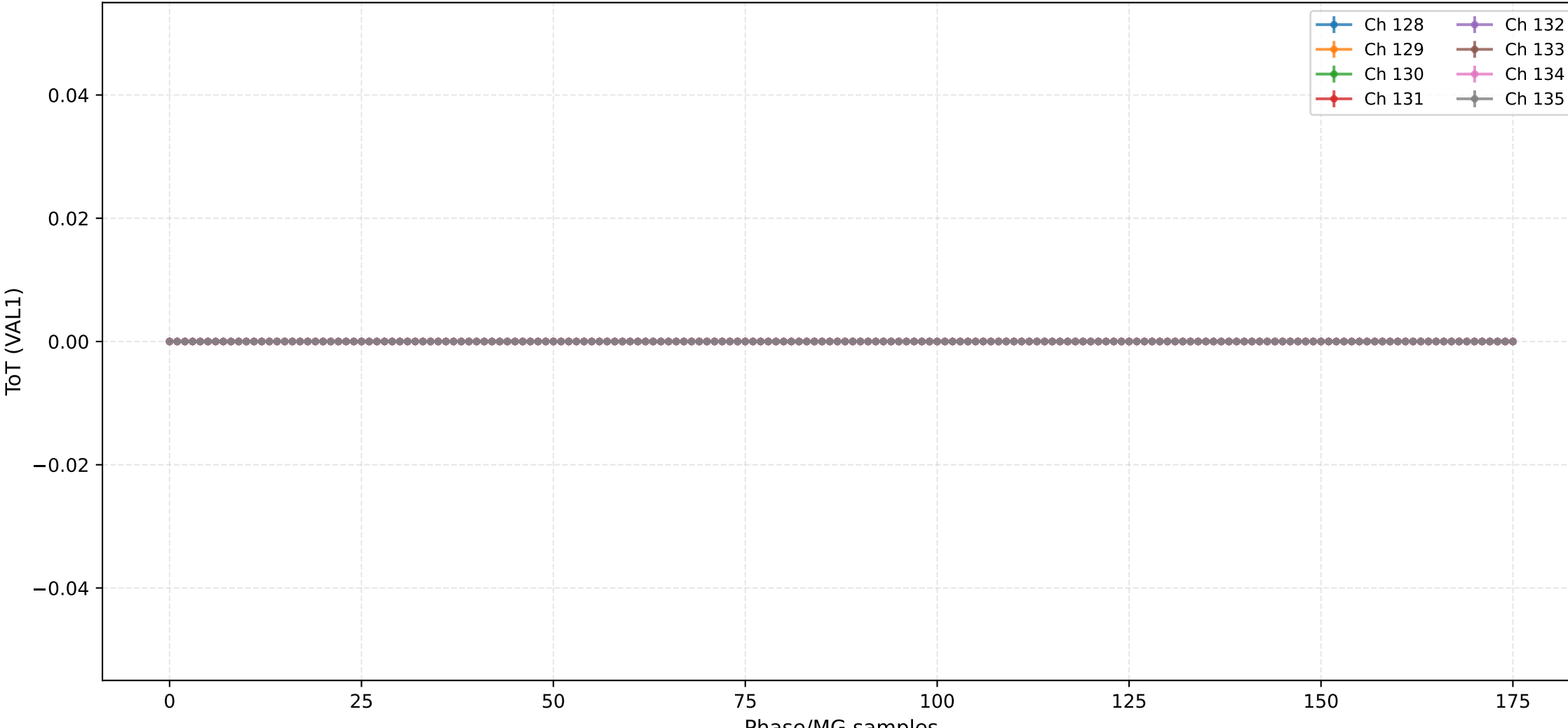
### ToT (VAL1) - Channels 112 to 119



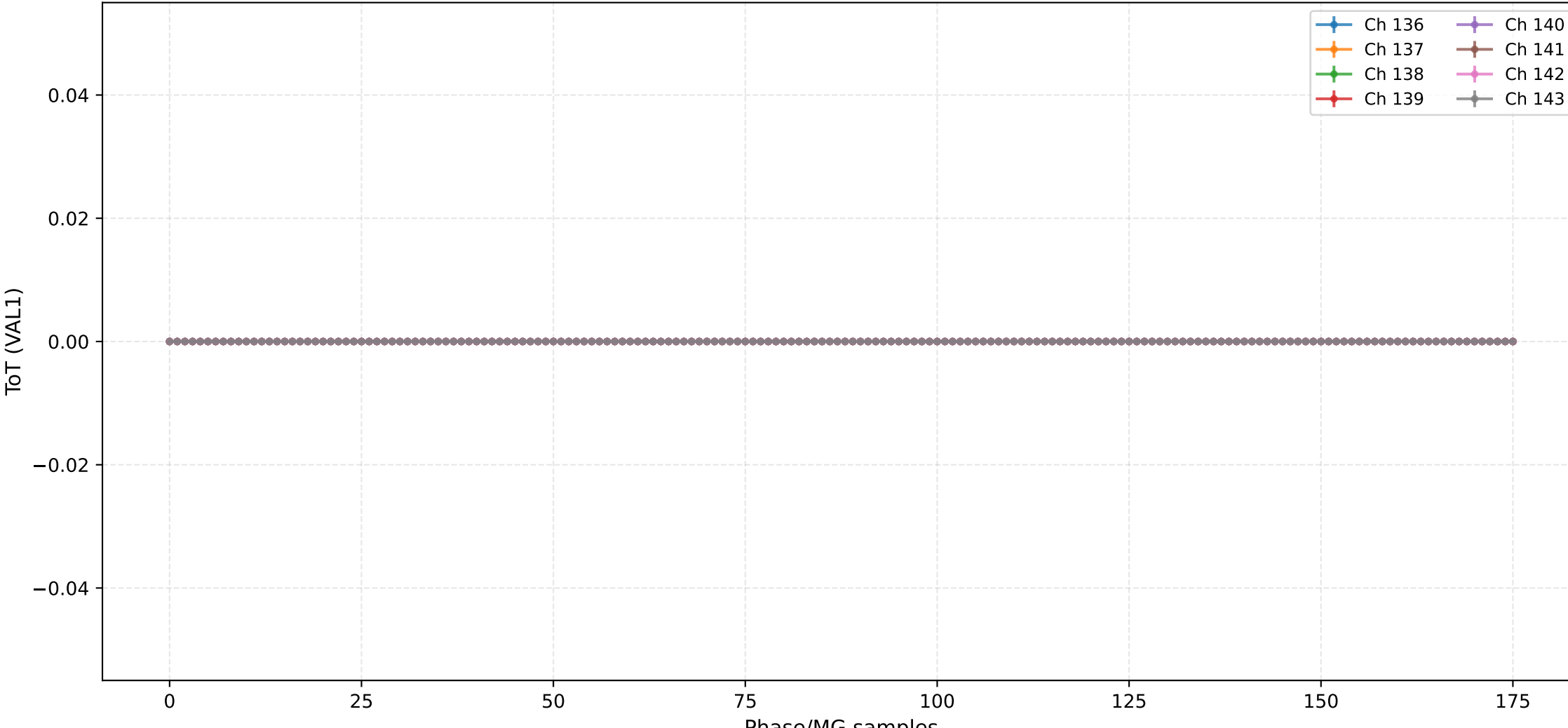
## ToT (VAL1) - Channels 120 to 127



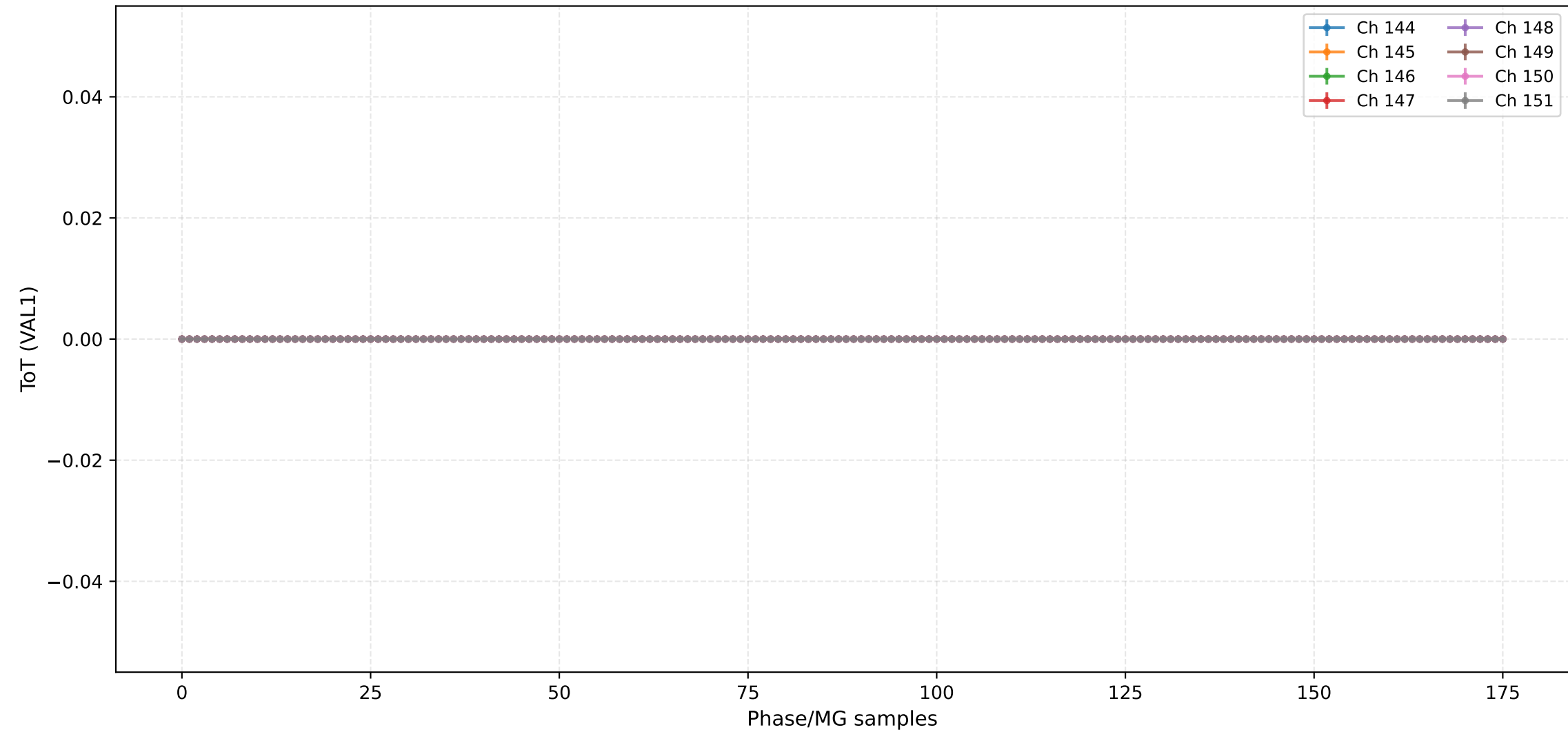
## ToT (VAL1) - Channels 128 to 135



## ToT (VAL1) - Channels 136 to 143

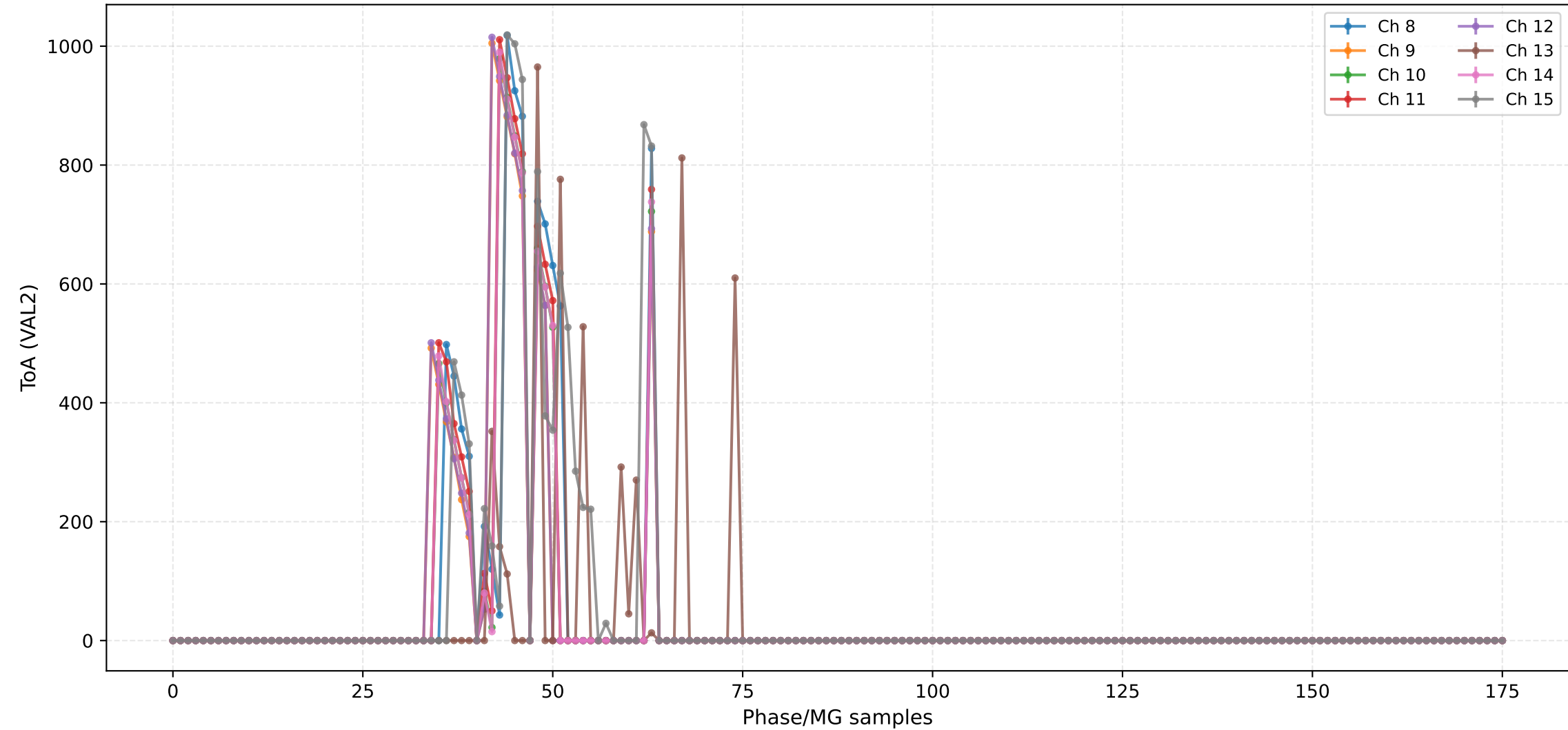


### ToT (VAL1) - Channels 144 to 151



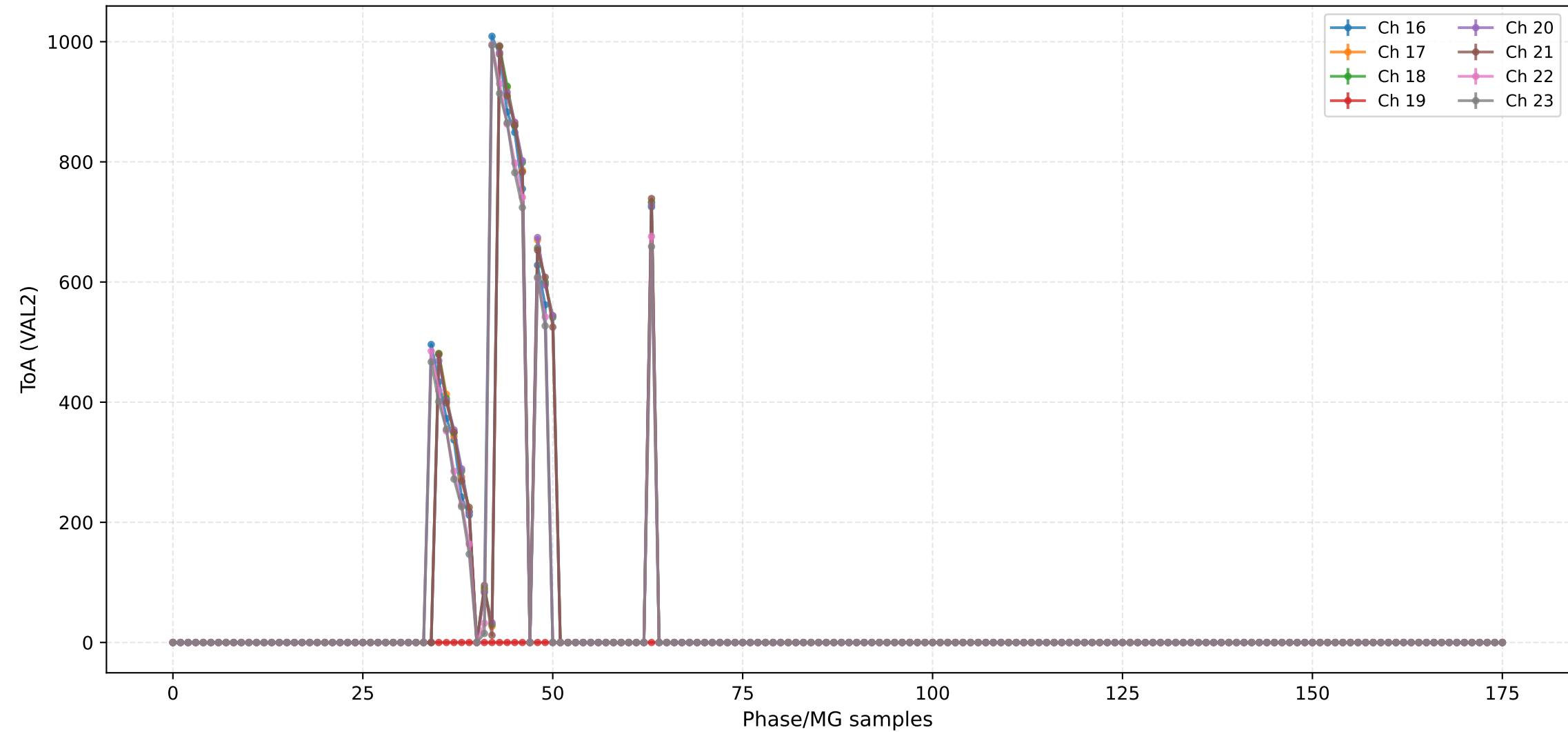


## ToA (VAL2) - Channels 8 to 15

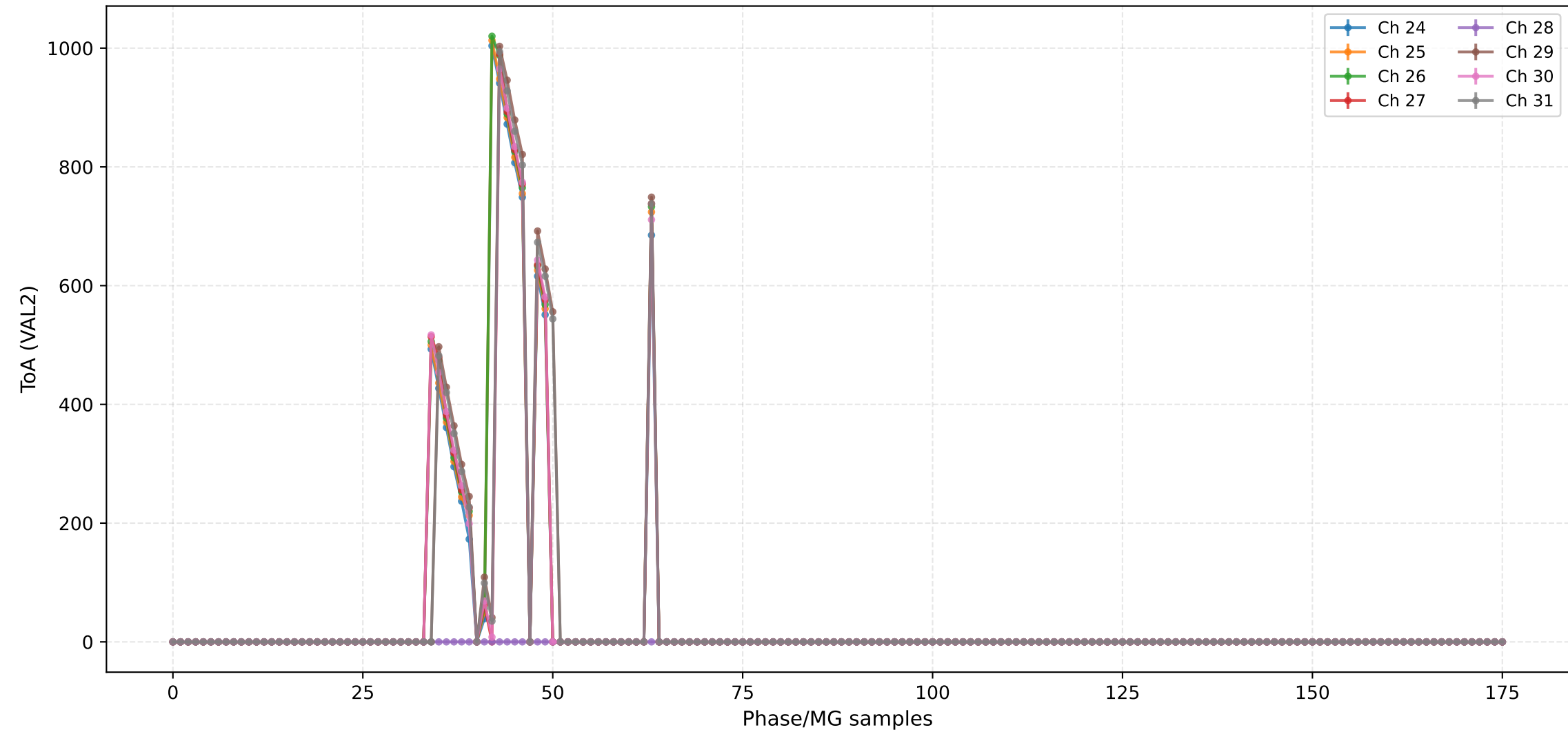




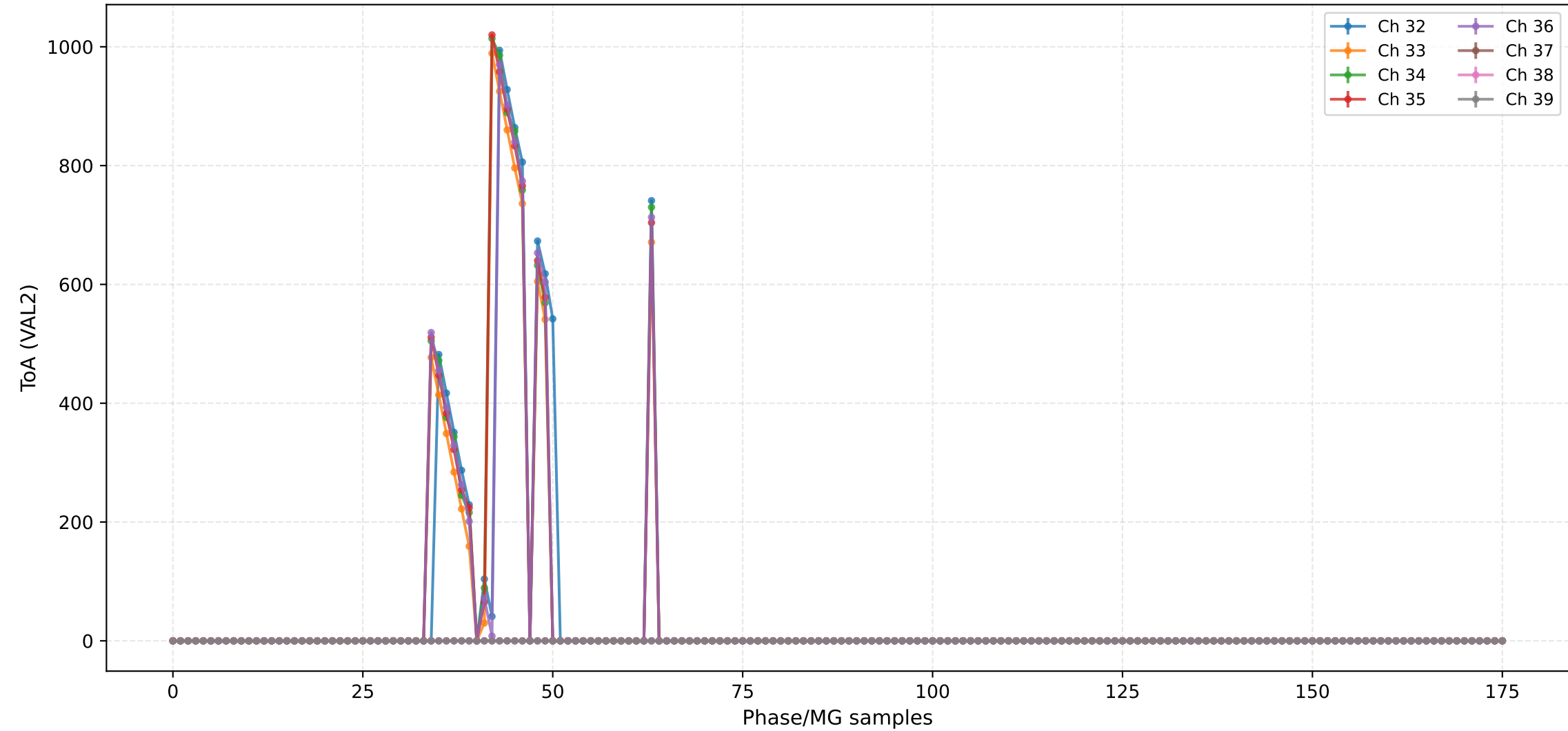
## ToA (VAL2) - Channels 16 to 23



## ToA (VAL2) - Channels 24 to 31

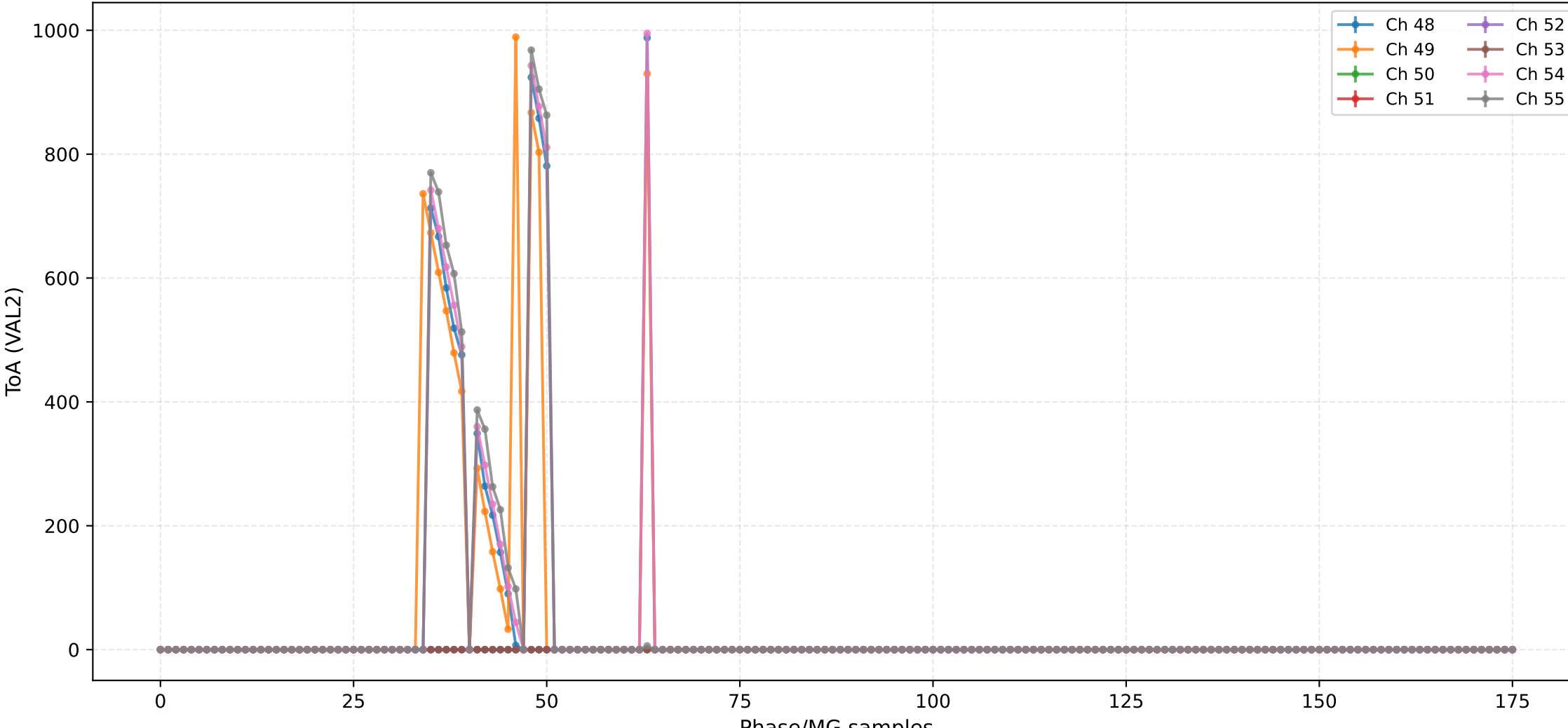


## ToA (VAL2) - Channels 32 to 39

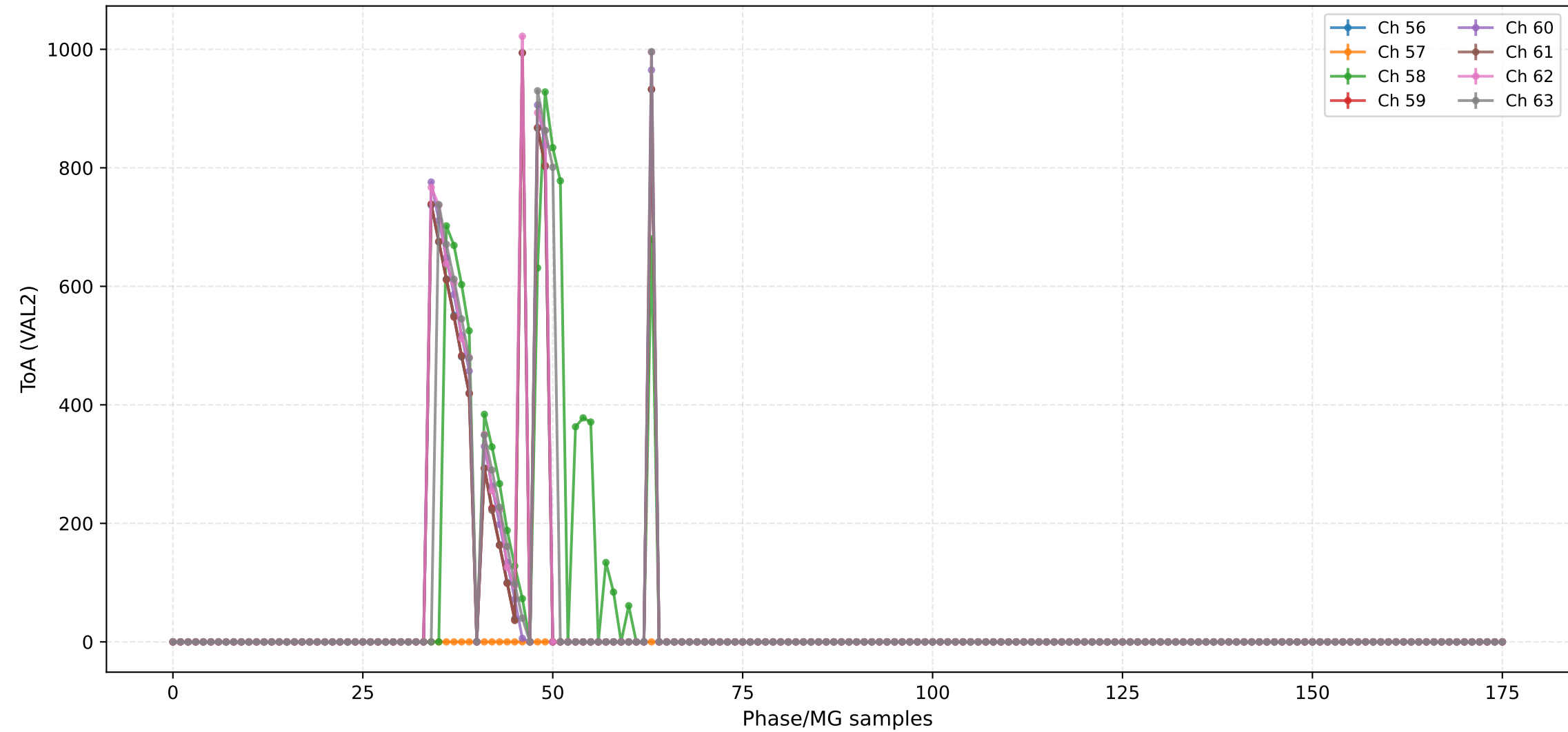




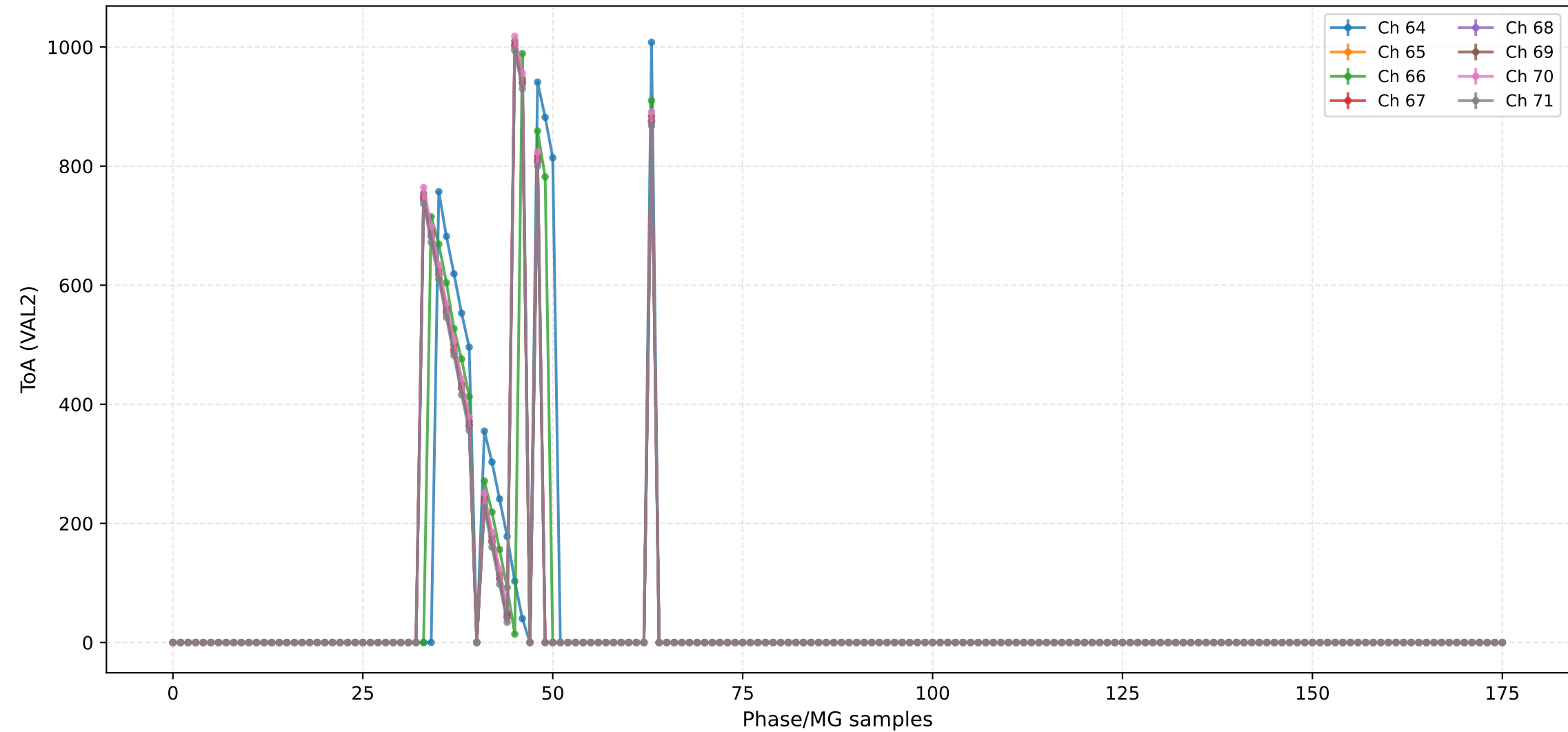
## ToA (VAL2) - Channels 48 to 55



ToA (VAL2) - Channels 56 to 63



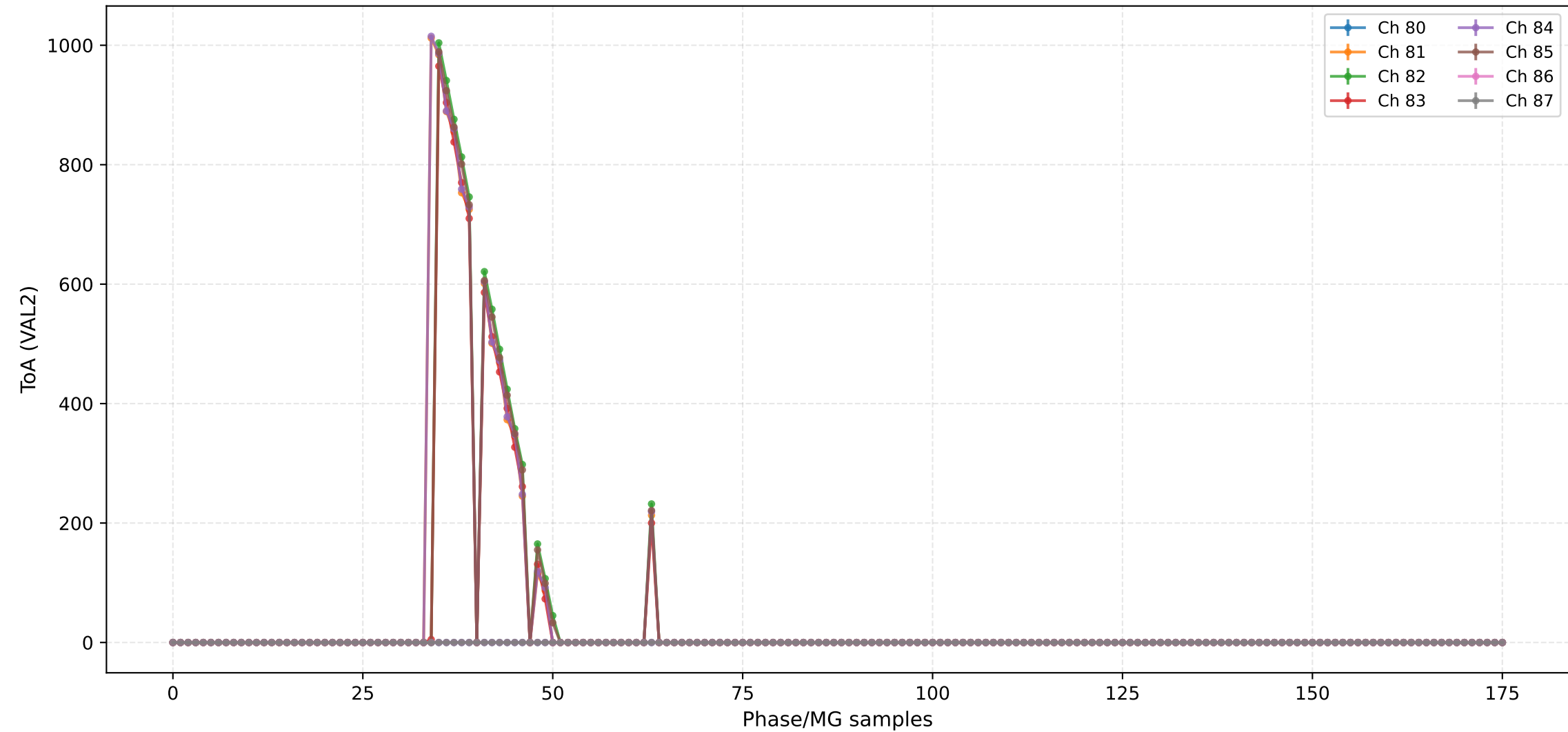
## ToA (VAL2) - Channels 64 to 71



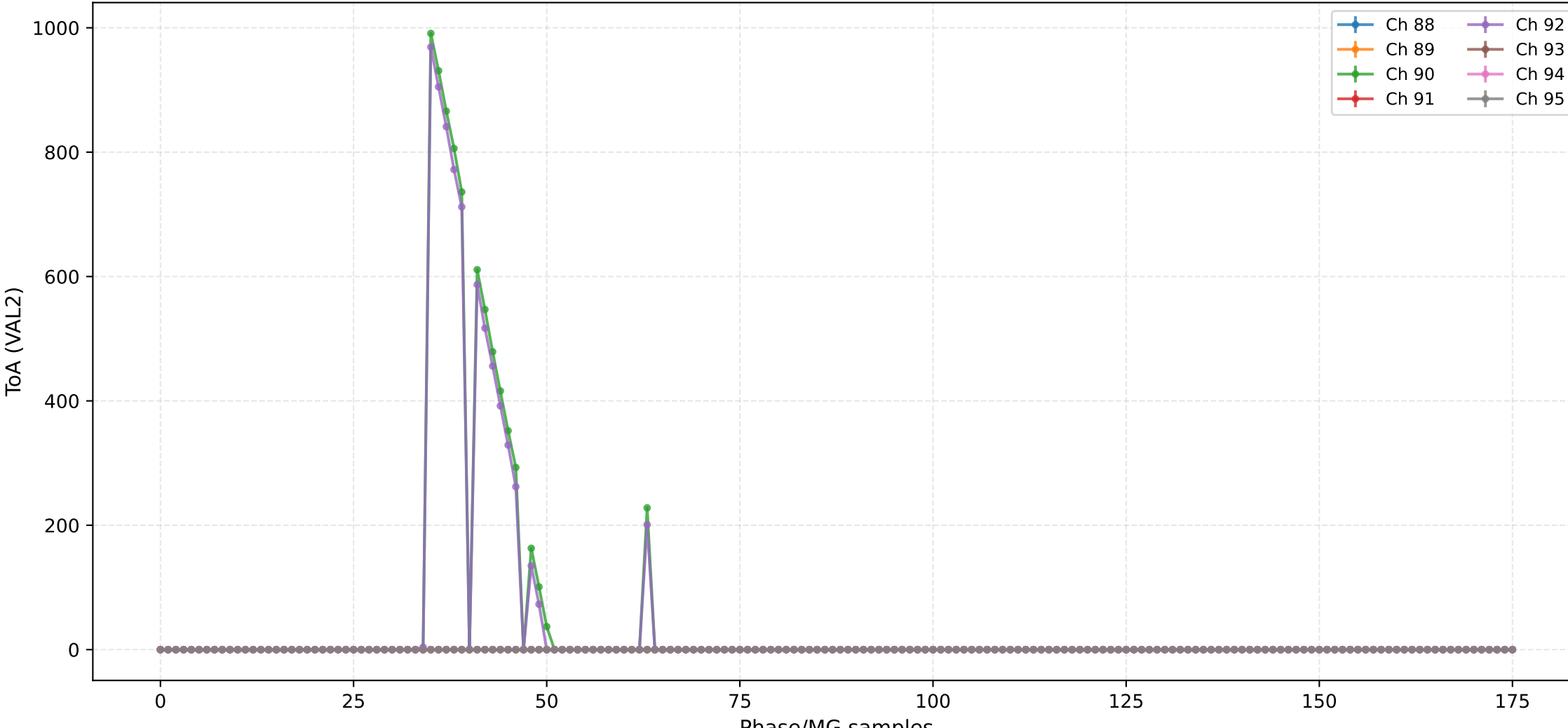




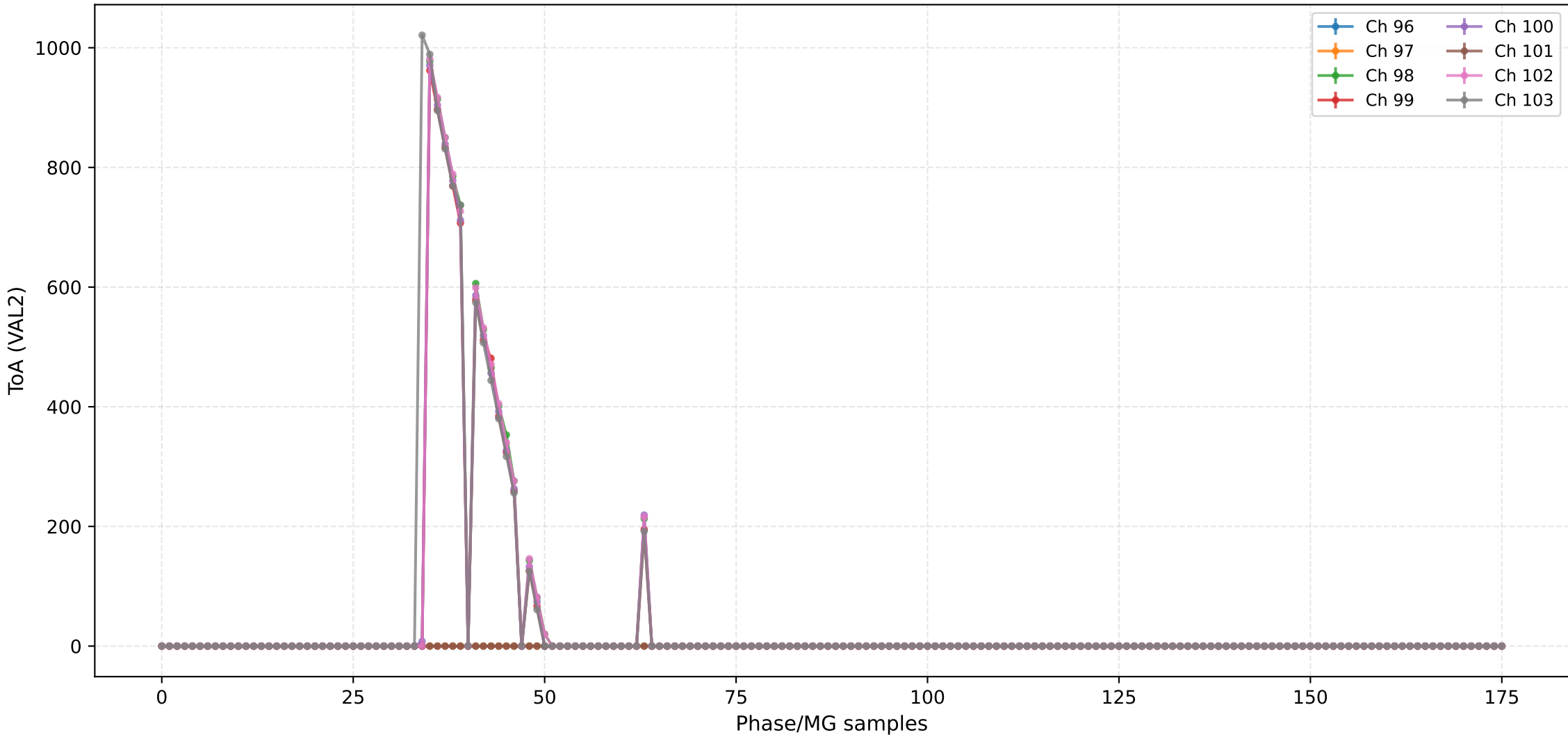
## ToA (VAL2) - Channels 80 to 87



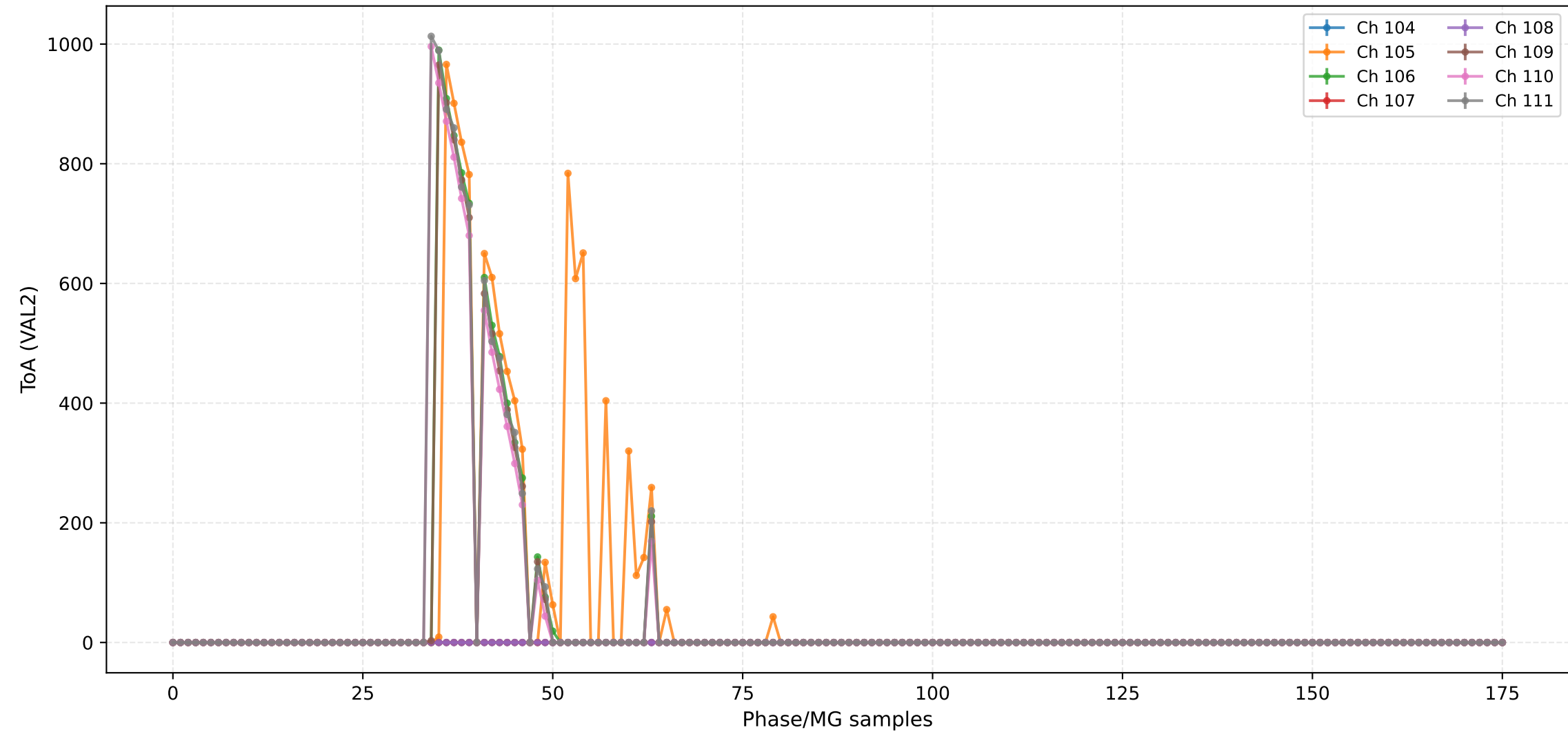
## ToA (VAL2) - Channels 88 to 95



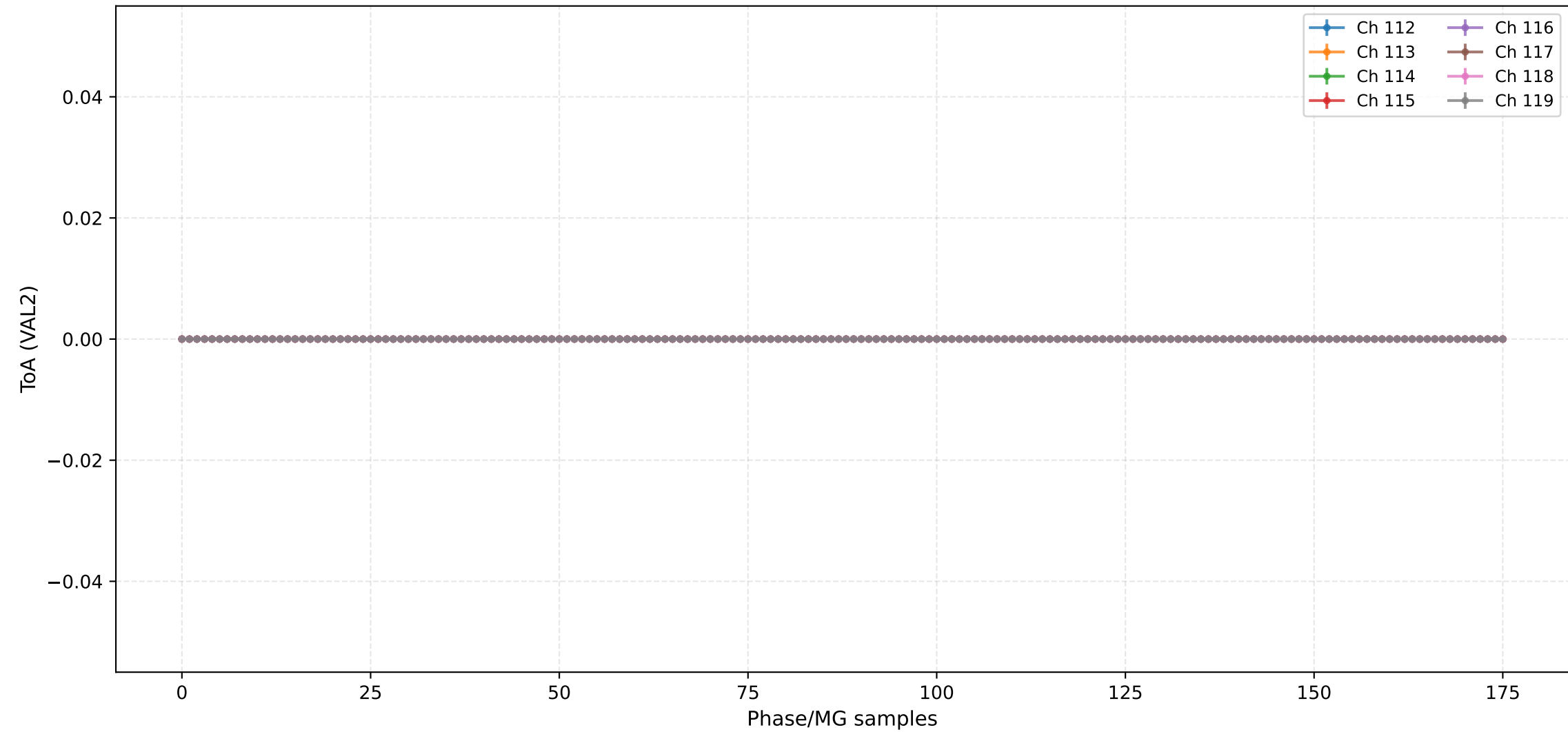
## ToA (VAL2) - Channels 96 to 103



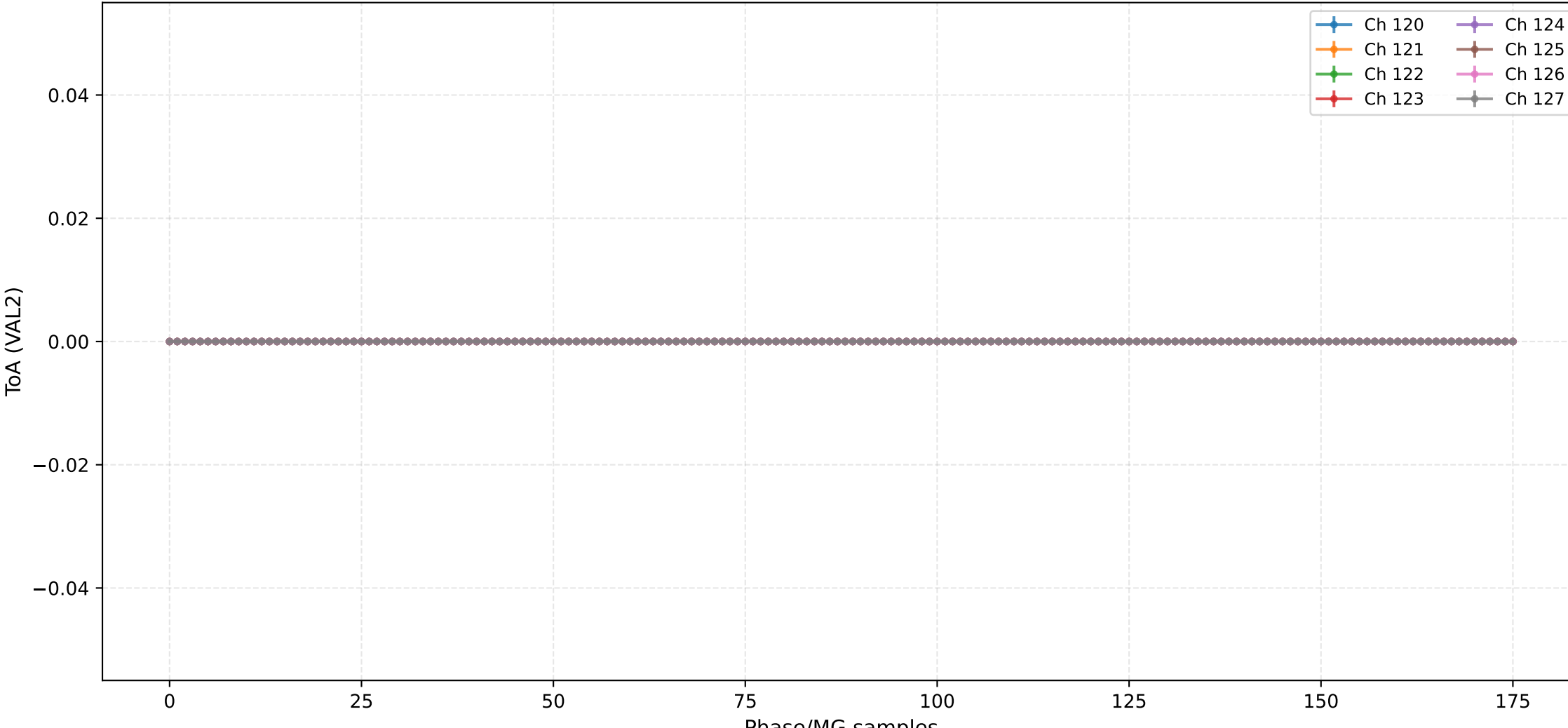
## ToA (VAL2) - Channels 104 to 111



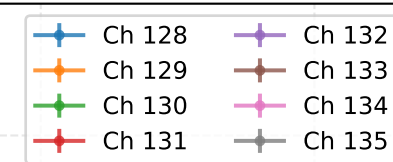
## ToA (VAL2) - Channels 112 to 119



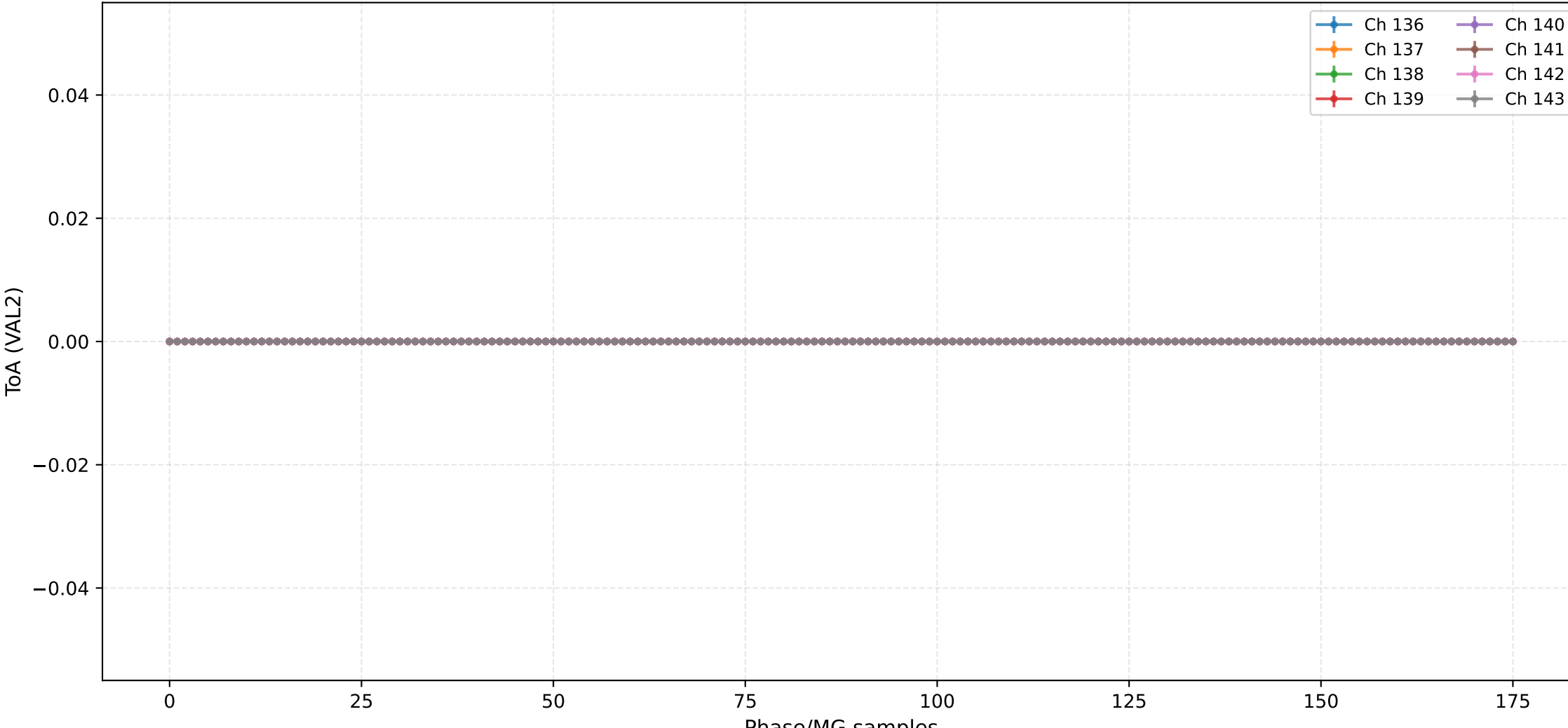
## ToA (VAL2) - Channels 120 to 127



The figure displays the time evolution of the expectation value of the Pauli matrix  $\sigma_y$  for six different channels (Ch 128 to Ch 131). The x-axis represents time in units of  $10^{-12}$  s, ranging from 0 to 175. The y-axis represents the expectation value, ranging from -0.5 to 0.5. All six channels show a constant value of approximately 0.05 throughout the entire time range.

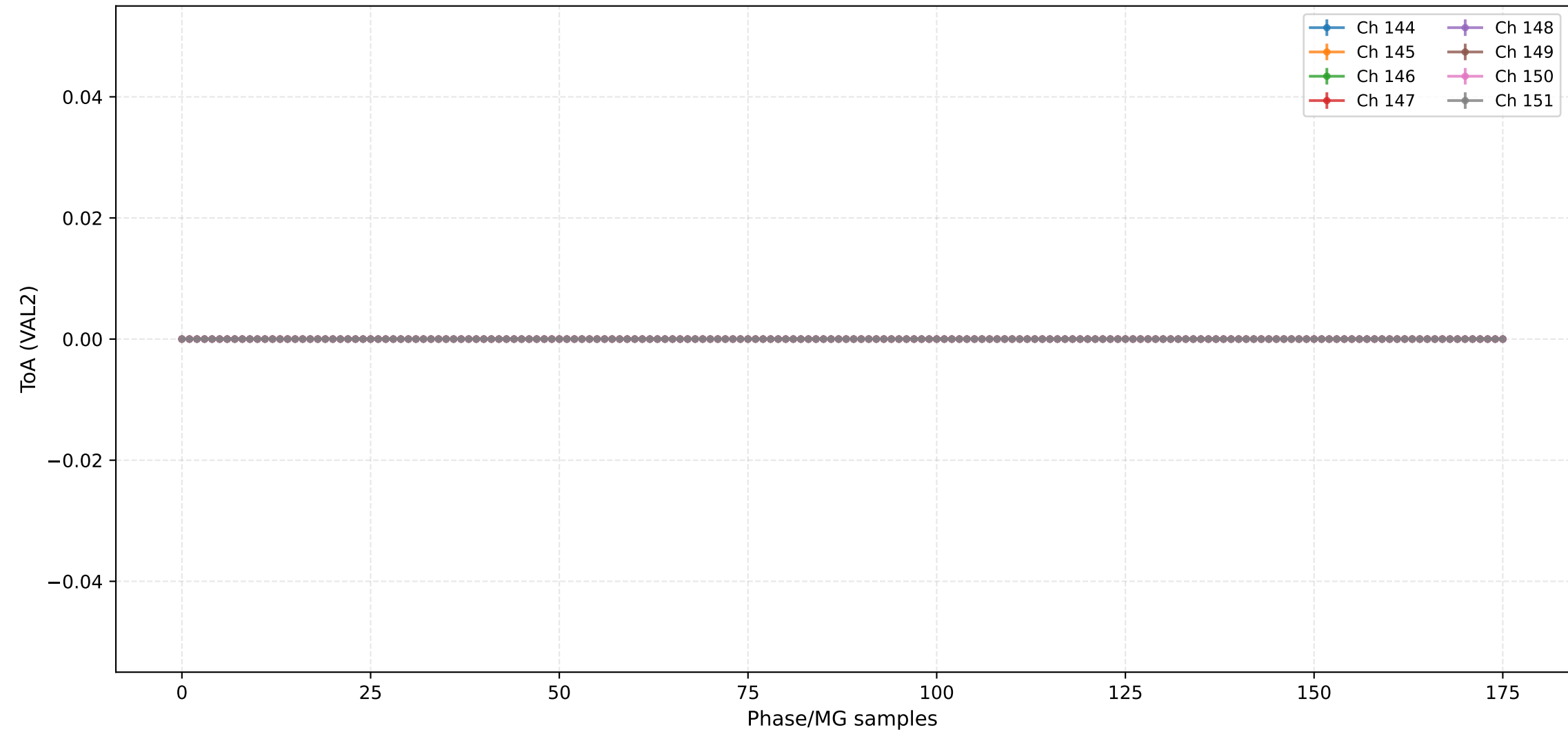


## ToA (VAL2) - Channels 136 to 143





## ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-10 18:44:37

### Configuration:

- Total ASICs: 2
- Injection DAC: 3000
- Machine Gun: 10
- Scan Pack: 8
- Scan Channels: 76
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac3000\_mg10\_pack8\_chn76\_val0.csv
- 205\_Injection\_asic2\_injdac3000\_mg10\_pack8\_chn76\_val1.csv
- 205\_Injection\_asic2\_injdac3000\_mg10\_pack8\_chn76\_val2.csv